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SALUS POPULI SUPREMA LEX ESTO

"The welfare of the people shall be the supreme law."



ROBIN CARNAHAN
SECRETARY OF STATE

MISSOURI
REGISTER

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IN THIS ISSUE:

PROPOSED RULES

Department of Conservation	
Conservation Commission	.1985
Department of Labor and Industrial Relations	
Division of Employment Security	.1985
Department of Mental Health	
Certification Standards	.1986
Department of Public Safety	
Missouri State Highway Patrol	.1990
Department of Social Services	
MO HealthNet Division	.1990
Department of Insurance, Financial Institutions and Professional Registration	
State Board of Registration for the Healing Arts	.2001

ORDERS OF RULEMAKING

Department of Conservation	
Conservation Commission	.2002
Department of Elementary and Secondary Education	
Division of Administrative and Financial Services	.2003
Department of Natural Resources	
Clean Water Commission	.2004
Safe Drinking Water Commission	.2104
Petroleum Storage Tank Insurance Fund Board of Trustees	.2106
Department of Insurance, Financial Institutions and Professional Registration	
Real Estate Appraisers	.2106

DISSOLUTIONS2108

SOURCE GUIDES

RULE CHANGES SINCE UPDATE	.2110
EMERGENCY RULES IN EFFECT	.2118
EXECUTIVE ORDERS	.2119
REGISTER INDEX	.2122

Register Filing Deadlines	Register Publication Date	Code Publication Date	Code Effective Date
May 1, 2009 May 15, 2009	June 1, 2009 June 15, 2009	June 30, 2009 June 30, 2009	July 30, 2009 July 30, 2009
June 1, 2009 June 15, 2009	July 1, 2009 July 15, 2009	July 31, 2009 July 31, 2009	August 30, 2009 August 30, 2009
July 1, 2009 July 15, 2009	August 3, 2009 August 17, 2009	August 31, 2009 August 31, 2009	September 30, 2009 September 30, 2009
August 3, 2009 August 17, 2009	September 1, 2009 September 15, 2009	September 30, 2009 September 30, 2009	October 30, 2009 October 30, 2009
September 1, 2009 September 15, 2009	October 1, 2009 October 15, 2009	October 31, 2009 October 31, 2009	November 30, 2009 November 30, 2009
October 1, 2009 October 15, 2009	November 2, 2009 November 16, 2009	November 30, 2009 November 30, 2009	December 30, 2009 December 30, 2009
November 2, 2009 November 16, 2009	December 1, 2009 December 15, 2009	December 31, 2009 December 31, 2009	January 30, 2010 January 30, 2010
December 1, 2009 December 15, 2009	January 4, 2010 January 15, 2010	January 29, 2010 January 29, 2010	February 28, 2010 February 28, 2010

Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please check out the website at <http://www.sos.mo.gov/adrules/pubsched.asp>

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Jefferson College Library 1000 Viking Drive Hillsboro, MO 63050-2441 (314) 789-3951 ext. 160	Cape Girardeau Public Library 711 N. Clark Cape Girardeau, MO 63701-4400 (573) 334-5279	Library North Central Missouri College PO Box 111, 1301 Main Street Trenton, MO 64683-0107 (660) 359-3948 ext. 325	Lebanon-Laclede County Library 135 Harwood Ave. Lebanon, MO 65536-3017 (417) 532-2148
St. Louis Public Library 1301 Olive St. St. Louis, MO 63103-2389 (314) 539-0376	Kent Library Southeast Missouri State University One University Plaza Cape Girardeau, MO 63701-4799 (573) 651-2757	Spiva Library Missouri Southern State University 3950 East Newman Road Joplin, MO 64801-1595 (417) 625-9342	University Library Southwest Baptist University 1600 University Ave. Bolivar, MO 65613-2597 (417) 328-1631
St. Louis University Law Library 3700 Lindell Blvd. St. Louis, MO 63108-3478 (314) 977-2742	Riverside Regional Library PO Box 389, 204 South Union St. Jackson, MO 63755-0389 (573) 243-8141	Missouri State Library 600 West Main, PO Box 387 Jefferson City, MO 65102-0387 (573) 751-3615	Barry-Lawrence Regional Library 213 6th St. Monett, MO 65708-2147 (417) 235-6646
Eden/Webster Library Eden Theological Seminary/ Webster University 475 East Lockwood Ave. St. Louis, MO 63119-3192 (314) 961-2660 ext. 7812	Rutland Library Three Rivers Community College 2080 Three Rivers Blvd. Poplar Bluff, MO 63901-2393 (573) 840-9656	Missouri State Archives 600 West Main, PO Box 778 Jefferson City, MO 65102-0778 (573) 526-6711	Lyons Memorial Library College of the Ozarks General Delivery Point Lookout, MO 65726-9999 (417) 334-6411 ext. 3551
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St. Louis County Library 1640 S. Lindbergh Blvd. St. Louis, MO 63131-3598 (314) 994-3300 ext. 247	Law Library University of Missouri-Kansas City 5100 Rockhill Road Kansas City, MO 64110-2499 (816) 235-2438	Daniel Boone Regional Library PO Box 1267, 100 West Broadway Columbia, MO 65205-1267 (573) 443-3161 ext. 359	Meyer Library Missouri State University PO Box 175, 901 S. National Springfield, MO 65804-0095 (417) 836-4533
Library Maryville University 13550 Conway Road St. Louis, MO 63141-7232 (314) 529-9494	Miller Nichols Library University of Missouri-Kansas City 5100 Rockhill Road Kansas City, MO 64110-2499 (816) 235-2438	School of Law University of Missouri-Columbia 224 Hulston Hall Columbia, MO 65211-0001 (573) 882-1125	
Pickler Memorial Library Truman State University 100 E. Normal Kirksville, MO 63501-4221 (660) 785-7416	B.D. Owens Library Northwest Missouri State University 800 University Drive Maryville, MO 64468-6001 (660) 562-1841	Smiley Memorial Library Central Methodist University 411 Central Methodist Square Fayette, MO 65248-1198 (660) 248-6279	
	St. Joseph Public Library 927 Felix Street St. Joseph, MO 64501-2799 (816) 232-8151		

HOW TO CITE RULES AND RSMo

RULES—Cite material in the *Missouri Register* by volume and page number, for example, Vol. 28, *Missouri Register*, page 27. The approved short form of citation is 28 MoReg 27.

The rules are codified in the *Code of State Regulations* in this system—

Title	Code of State Regulations	Division	Chapter	Rule
1	CSR	10-	1.	010
Department		Agency, Division	General area regulated	Specific area regulated

They are properly cited by using the full citation , i.e., 1 CSR 10-1.010.

Each department of state government is assigned a title. Each agency or division within the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraph 1., subparagraph A., part (I), subpart (a), item I. and subitem a.

RSMo—The most recent version of the statute containing the section number and the date.

Under this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbolology under the heading of the proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety (90)-day-count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

Title 3—DEPARTMENT OF CONSERVATION Division 10—Conservation Commission Chapter 5—Wildlife Code: Permits

PROPOSED AMENDMENT

3 CSR 10-5.435 Migratory Bird Hunting Permit. The commission proposes to amend this rule.

PURPOSE: This amendment removes the requirement for having a Migratory Bird Hunting Permit during the Conservation Order.

Required of any person sixteen (16) years of age or older in addition to the prescribed hunting permit to pursue, take, possess, and transport waterfowl, doves, snipe, woodcock, and rails, **except for blue, snow, or Ross's geese during the Conservation Order in accordance with federal regulations as prescribed in 3 CSR 10-7.440.** Fee: six dollars (\$6).

AUTHORITY: sections 40 and 45 of Art. IV, Mo. Const. and section 252.240, RSMo 2000. This rule was previously filed as 3 CSR 10-5.256. Original rule filed Sept. 10, 1991, effective Feb. 6, 1992. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 14, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with David W. Erickson, Assistant Director, Department of Conservation, PO Box 180, Jefferson City, MO 65102. To be considered, comments must be received within thirty days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 8—DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS Division 10—Division of Employment Security Chapter 2—Administration

PROPOSED RULE

8 CSR 10-2.010 Maintenance and Disposal of Records

PURPOSE: This rule provides information regarding the Division of Employment Security's Agency Records Disposition Schedule for the retention of certain records. This rule implements section 288.360, RSMo.

(1) The Division of Employment Security has adopted the Secretary of State's Records Management Division *Missouri General Retention and Disposition Schedule*, approved August 2, 2007, and the Department of Labor and Industrial Relations, Division of Employment Security *Agency Records Disposition Schedule*, approved December 17, 2008.

(2) Copies of the schedules may be obtained by sending a written request to Department of Labor and Industrial Relations, Administrative Services Section, PO Box 59, Jefferson City, MO 65104-0059.

AUTHORITY: sections 288.220 and 288.360, RSMo 2000. Original rule filed Sept. 30, 1946, effective Oct. 10, 1946. For intervening history, please consult the Code of State Regulations. Rescinded: Filed April 14, 1980, effective July 11, 1980. Readopted: Filed Aug. 14, 2009.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Division of Employment Security, Attn: Gracia Y. Backer, Division Director, PO Box 59, Jefferson City, MO 65104-0059. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 9—DEPARTMENT OF MENTAL HEALTH
Division 30—Certification Standards
Chapter 4—Mental Health Programs

PROPOSED RULE

9 CSR 30-4.0432 Assertive Community Treatment Programs

PURPOSE: This rule sets forth standards and regulations for the provision of assertive community treatment services in community psychiatric rehabilitation programs for adults.

PUBLISHER'S NOTE: The Department of Mental Health has determined that the publication of the entire text of the material that is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

(1) Assertive Community Treatment (ACT) is a team-based approach to delivering comprehensive and flexible treatment, support, and services to individuals who have the most serious symptoms of severe mental illness and who have the greatest difficulty with basic daily activities.

(2) Agencies certified as Community Psychiatric Rehabilitation (CPR) providers may offer ACT services and shall use the *Assertive Community Treatment (ACT) Implementation Resource Kit* published in 2003 by the Substance Abuse and Mental Health Services Administration (SAMHSA) Center for Mental Health Services at PO Box 42557, Washington, DC 20015, Evaluation Edition 2003, to implement the ACT program. Agencies shall also use *A Manual for ACT Start-Up* by Deborah J. Allness, M.S.S.W. and William H. Knoedler, M.D., published in 2003 by National Alliance for the Mentally Ill (NAMI), Colonial Place Three, 2107 Wilson Blvd., Suite 300, Arlington, VA 22201-3042. A copy of the *ACT Implementation Resource Kit* and *A Manual for ACT Start-Up* is available at the Division of Comprehensive Psychiatric Services, Missouri Department of Mental Health and a copy may be obtained by contacting the Division of Comprehensive Psychiatric Services. The *ACT Implementation Resource Kit* and *A Manual for ACT Start-Up* that are incorporated by reference with this rulemaking do not include any later amendments or additions.

(3) Agencies providing ACT services shall comply with requirements set forth in Department of Mental Health Core Rules for Psychiatric and Substance Abuse Programs, 9 CSR 10-7.010 through 9 CSR 10-7.140.

(4) The agencies providing ACT services shall have policies approved by the governing body as defined in 9 CSR 10-7.090 that are consistent with the provision of effective evidence based interventions to guide the ACT services and be consistent with the ACT model of treatment.

(5) Personnel and Staff Development. ACT shall be delivered by a multidisciplinary team (team) responsible for coordinating a comprehensive array of services. The team shall include, but is not limited to, the following disciplines:

(A) The team shall have adequate prescribing capacity by meeting one (1) of the following:

1. A psychiatrist or an advanced practice nurse who shall be available sixteen (16) hours per week to no more than fifty (50) individuals to assure adequate direct psychiatric treatment;

2. A combination of a psychiatrist and an advanced practice nurse equaling sixteen (16) hours per week shall be available to no

more than fifty (50) individuals; or

3. In a service area designated as a Mental Health Professional Shortage Area, the psychiatrist shall be available ten (10) hours per week to no more than fifty (50) individuals; or an advanced practice nurse shall be available sixteen (16) hours per week to no more than fifty (50) individuals;

(B) The psychiatrist or advanced practice nurse shall attend at least two (2) team meetings per week either face-to-face or by teleconference;

(C) The team shall have adequate nursing capacity by meeting one (1) of the following:

1. A registered professional nurse with six (6) months of psychiatric nursing experience shall work with no more than fifty (50) individuals on a full-time basis during the first year of program operation; or

2. During the first year of program operation, a registered professional nurse shall work with no more than fifty (50) individuals as a seventy-five percent (75%) Full-Time Equivalent (FTE) for up to twelve (12) months;

(D) A team leader who is a qualified mental health professional as defined in 9 CSR 30-4.030(2)(HH) that is full time with one (1) year of supervisory experience and a minimum of two (2) years experience working with adults with serious mental illness in community settings;

(E) The team shall have adequate substance abuse treatment capacity by meeting one (1) of the following:

1. A substance abuse specialist who is a qualified substance abuse professional (QSAP) as defined in 9 CSR 10-7.140(2)(RR)1. or 2. with one (1) year of training or supervised experience in substance abuse treatment shall be assigned to no more than fifty (50) individuals; or

2. If the QSAP is not assigned to a team full time or is assigned to a team with less than fifty (50) individuals, the QSAP shall attend at least two (2) team meetings per week; or

3. A QSAP who has less than one (1) year experience in Integrated Dual Disorders Treatment (IDDT) shall be actively acquiring twenty-four (24) hours of training in IDDT-specific content and receive supervision from experienced IDDT staff;

(F) The team shall have adequate vocational specialization capacity by meeting one (1) of the following:

1. A vocational specialist who qualifies as a community support worker as defined in 9 CSR 30-4.034(2)(H)1. with one (1) year of experience and training in vocational rehabilitation and supported employment shall be available to no more than fifty (50) individuals; or

2. If the vocational specialist is not assigned to a team full time or is assigned to a team with less than fifty (50) individuals, the vocational specialist shall attend at least two (2) team meetings per week; or

3. A vocational specialist with six (6) months of vocational experience shall work with no more than fifty (50) individuals on a full-time basis during the first year of program operation;

(G) The team shall include a peer specialist which shall be self-identified as a present or former primary consumer of mental health services; be assigned full time to a team and shall participate in the clinical responsibilities and functions of the team in providing direct services; and serve as a model, a support, and a resource for the team members and individuals being served by the first year of program operation. Peer specialists, at a minimum, shall meet the qualifications of a community support assistant as defined in 9 CSR 30-4.030(2)(P) and 9 CSR 30-4.034(2)(H)2.;

(H) The team shall include a program assistant who shall have education and experience in human services or office management. The program assistant shall organize, coordinate, and monitor all non-clinical operations of the team including, but not limited to, the following:

1. Managing medical records;

2. Operating and coordinating the management information system; and

3. Triaging telephone calls and coordinating communication between the team and individuals receiving ACT services;

(I) Other team members may be assigned to work exclusively with the team and must qualify as a community support worker or a qualified mental health professional as defined in 9 CSR 30-4.034 (2)(H)1. or 9 CSR 30-4.030(2)(HH); and

(J) In addition to training required in 9 CSR 30-4.034, team members shall receive ongoing training relevant to ACT services.

(6) Team Operations.

(A) The team shall function as the primary provider of services for the purpose of recovery from serious mental illness and shall have responsibility to help individuals meet their needs in all aspects of living in the community.

(B) The team shall meet face-to-face at least four (4) times per week to review the status of each individual via the daily communication log, staff report, services, and contacts scheduled per treatment plans and triage.

(C) The team members shall be available to one another throughout the day to provide consultation or assistance.

(7) Admission Criteria. Individuals who receive ACT services typically have needs that have not been effectively addressed by traditional, less intensive mental health services. Individuals shall have at least one (1) of the following diagnoses, one (1) or more of the following conditions, and meet all other admission criteria as defined in 9 CSR 30-4.042:

(A) Schizophrenia.

1. Disorganized.

A. DSM IV code: 295.1X

B. ICD-9-CM code: 295.1X

2. Catatonic.

A. DSM IV code: 295.2X

B. ICD-9-CM code: 295.2X

3. Paranoid.

A. DSM IV code: 295.3X

B. ICD-9-CM code: 295.3X

4. Schizophreniform.

A. DSM IV code: 295.4X

B. ICD-9-CM code: 295.4X

5. Residual.

A. DSM IV code: 295.6X

B. ICD-9-CM code: 295.6X

6. Schizoaffective.

A. DSM IV code: 295.7X

B. ICD-9-CM code: 295.7X

7. Undifferentiated.

A. DSM IV code: 295.9X

B. ICD-9-CM code: 295.9X;

(B) Delusional Disorder.

1. DSM IV code: 297.1X

2. ICD-9-CM code: 297.1X;

(C) Bipolar I Disorders.

1. Single manic episode.

A. DSM IV code: 296.0X

B. ICD-9-CM code: 296.0X

2. Most recent episode manic.

A. DSM IV code: 296.4X

B. ICD-9-CM code: 296.4X

3. Most recent episode depressed.

A. DSM IV code: 296.5X

B. ICD-9-CM code: 296.5X

4. Most recent episode mixed.

A. DSM IV code: 296.6X

B. ICD-9-CM code: 296.6X;

(D) Bipolar II Disorders.

1. DSM IV code: 296.89

2. ICD-9-CM code: 296.89;

(E) Psychotic Disorders NOS.

1. DSM IV code: 298.9

2. ICD-9-CM code: 298.9;

(F) Major Depressive Disorder-Recur.

1. DSM IV code: 296.3X

2. ICD-9-CM code: 296.3X;

(G) The diagnosis may coexist with other psychiatric diagnoses in Axis II or other areas;

(H) For individuals exhibiting extraordinary clinical needs, the team may apply to the clinical director of the division to approve admission to ACT services; and

(I) The conditions shall include the following:

1. Recent discharge from an extended stay of three (3) months or more in a state hospital;

2. High utilization of two (2) admissions or more per year in an acute psychiatric hospital and/or six (6) or more per year for psychiatric emergency services;

3. Have a co-occurring substance use disorder greater than six (6) months duration;

4. Exhibit socially disruptive behavior with high risk of criminal justice involvement including arrest and incarceration;

5. Reside in substandard housing, is homeless, or at imminent risk of becoming homeless;

6. Have been identified through department data indicating high use of services or who are functioning poorly and do not attend office-based mental health programs consistently; or

7. Other indications demonstrating that the individual has difficulty thriving in the community.

(8) Admission Process.

(A) The team shall develop a process for identifying individuals who are appropriate for ACT services.

(B) When the team receives a referral for ACT services, the team leader confirms that the individual meets the ACT admission criteria.

(C) The team leader shall arrange an admission meeting that includes current providers of services, the team leader, and the individual. The meeting may also include, but is not limited to, the following:

1. Family members, significant others, or guardians, if the individual grants permission;

2. Team members who will be working with the newly enrolled individual; and/or

3. The team psychiatrist.

(D) At the admission meeting, team members shall introduce themselves and explain the ACT program.

(E) When the individual decides that he or she accepts ACT services, the team shall immediately open a record and schedule initial service contacts with the individual for the next few days.

(F) No more than six (6) new individuals shall be admitted to an ACT team per month unless approved by the department.

(G) An initial assessment shall be completed on the day of admission. The initial assessment shall be based on information obtained from the individual, referring treatment provider, and family or other supporters who participate in the admission process and shall include, but not be limited to, the following:

1. The individual's mental and functional status;

2. The effectiveness of past treatment; and

3. The current treatment, rehabilitation, and support service needs.

(H) The initial treatment plan shall be completed on the day of admission, be used to support recovery, help the individual to achieve initial goals, be used by the team as a guide until the comprehensive assessment and treatment plans are completed, and include initial problems and interventions.

(I) The team shall ensure that the individual receiving services participates in the development of the treatment plan and signs the plan. The individual's signature is not required if signing would be

detrimental to the individual's well-being. If the individual does not sign the treatment plan, the team shall insert a progress note in the case record explaining the reason the individual did not sign the treatment plan.

(J) A psychiatrist shall approve the treatment plan. A licensed psychologist, as a team member, may approve the treatment plan only in instances when the individual is currently receiving no prescribed medications and the clinical recommendations do not include a need for prescribed medications. An advanced practice nurse may approve the treatment plan if he/she is providing medication management services to the individual.

(9) Comprehensive Assessment and Treatment Planning.

(A) To be in compliance with this standard, the team shall follow a systematic process including admission, comprehensive and ongoing assessment, and continuous treatment planning utilizing the assessment and treatment planning protocol and components included in the publication, *A Manual for ACT Start-Up*.

(B) The team shall conduct the comprehensive ACT assessment as they are working with the individual in the community delivering services outlined in the initial treatment plan.

(C) The comprehensive ACT assessment provides a guide for the team to collect information including the individual's history, past treatment, and to become acquainted with the individual and their family members. This assessment enables the team to individualize and tailor ACT services to ensure courteous, helpful, and respectful treatment. The comprehensive assessment includes seven (7) parts as follows:

1. Psychiatric history, mental status, and diagnosis;
2. Physical health;
3. Use of drugs or alcohol;
4. Education and employment;
5. Social development and functioning;
6. Activities of daily living; and
7. Family structure and relationships.

(D) The primary case manager and other members of the team, with supervision from the team leader, shall complete the comprehensive assessment within thirty (30) days of admission.

(E) The assessment is ongoing throughout the course of ACT treatment and consists of information and understanding obtained through day-to-day interactions with the individual, the team, and others, such as landlords, employers, friends, and others in the community.

(F) The comprehensive assessment is a daily and continuous process that is updated every six (6) months.

(G) A psychiatric and social functioning history timeline shall be developed using the protocol included in the publication, *A Manual for ACT Start-Up*.

(H) Treatment plans shall be developed utilizing information obtained from the psychiatric and social functioning history timeline and the comprehensive assessment.

(I) Treatment plans shall contain objective goals based on the individual's preferences and shall be person-specific.

(J) Treatment plans shall contain specific interventions and services that will be provided, by whom, for what duration, and location of the service.

(K) The comprehensive treatment plan shall be developed within thirty (30) days after admission.

(L) The treatment plan shall be reviewed and revised or re-written every six (6) months.

(10) Service Provision.

(A) ACT services shall be delivered seven (7) days per week including evenings and holidays based upon individual needs.

(B) ACT services shall be available at least two (2) hours of direct services each weekend day or holiday.

(C) A team member shall be on call at all hours.

(D) Crisis assessment is provided by the team or arranged for by an after-hours crisis intervention system, twenty-four (24) hours per

day. When the team is contacted, the team shall determine the need for team intervention either by phone or face-to-face with backup by the team leader and psychiatrist.

(E) Individuals are offered services on a time-unlimited basis, with less than ten percent (10%) graduating annually, excluding those who drop out of services.

(F) The team shall provide goal driven case management functions for all individuals enrolled in ACT including, but not limited to, the following:

1. Locating and maintaining safe, affordable housing with an emphasis on individual choice and independent community housing;
2. Assistance with financial management support, including the use of legal mechanisms when appropriate;
3. Support and skills training and illness management strategies to support activities of daily living;
4. Facilitating peer support and self-help programs as desired by the individual; and
5. Providing psycho-education to individuals and their family members, with the individual's permission, as appropriate.

(G) The team shall have a process to manage emergency funds for individual's served.

(H) Clinical staff to client ratio, excluding the psychiatrist, shall be 1:10.

(I) Clinical staff to client ratio shall be no more than 1:13 if the team continues to demonstrate outcomes in areas such as vocational, housing, and hospitalizations comparable to teams with lower case-loads.

(J) The clinical team shall be no smaller than five (5) FTE and no larger than ten (10) FTE.

(K) At a minimum, individuals shall be contacted face-to-face by the team an average of two (2) hours per week.

(L) For individuals who refuse services, the team shall attempt to engage individuals with at least two (2) face-to-face contacts per month for a minimum of six (6) months.

(M) Individuals who are experiencing marked symptoms shall be contacted multiple times daily by the team.

(N) At a minimum, seventy-five percent (75%) of team contacts shall occur out of the office.

(O) Individuals shall have direct contact with more than two (2) team members per month.

(P) Individuals with co-occurring substance abuse disorders shall be provided with an average of twenty-five (25) minutes per week of informal integrated mental health and substance abuse treatment.

(Q) The team shall monitor and, when needed, provide supervision, education, and support in the administration of psychiatric medications for all individuals.

(R) The team shall monitor symptom response and medication side-effects.

(S) The team shall educate individuals about symptom management and early identification of symptoms.

(T) The team shall have an average of four (4) or more contacts per month with family and support systems in the community, including landlords and employers, after obtaining the individual's permission.

(U) The team shall actively and assertively engage and reach out to family members and significant others to include, but not be limited to, the following:

1. Establishing ongoing communication and collaboration between the team, family members, and others;
2. Educating the family about mental illness and the family's role in treatment;
3. Educating the family about symptoms management and early identification of symptoms indicating onset of disease; and
4. Providing interventions to promote positive interpersonal relationships.

(V) At a minimum, the team supports, facilitates, or ensures the individual's access to the following services:

1. Medical and dental services;

2. Social services;
3. Transportation; and
4. Legal advocacy.

(W) Inpatient admissions shall be jointly planned with the team and the team, at a minimum, shall make weekly contact with individuals while hospitalized.

(X) The team shall participate in discharge planning.

(11) Discharge Criteria.

(A) Individuals shall have achieved community living goals for the previous six (6) months.

(B) Social supports shall have been in place for the previous six (6) months.

(C) Individual shall have stable housing for the previous six (6) months.

(D) A transition plan shall be developed incorporating graduated step down in intensity and including overlapping team meetings as needed to facilitate the transition of the individual.

(E) The individual shall be engaged in the next step of treatment and rehabilitation.

(F) Documentation of discharge shall include a systematic plan to maintain continuity of treatment at appropriate levels of intensity to support the individual's continued recovery and have easy access to return to the ACT team if needed.

(G) A discharge summary shall include, but is not limited to, the following:

1. Dates of admission and discharge;
2. Reason for admission and referral source;
3. Diagnosis or diagnostic impression;
4. Description of services provided and outcomes achieved, including any prescribed medication, dosage, and response;
5. Reason for or type of discharge; and
6. Medical status and needs that may require ongoing monitoring and support.

(H) An aftercare plan shall be completed prior to discharge. The plan shall identify services, designated provider(s), or other planned activities designed to promote further recovery.

(12) Records.

(A) The ACT provider shall implement policies and procedures to assure routine monitoring of individual records for compliance with applicable standards.

(B) All staff contacts with individuals are logged and easily accessible to team members.

(C) Each individual's record shall document services, activities, or sessions that involve the individual including—

1. The specific services rendered;
2. The date and actual time the service was rendered;
3. Who rendered the service;
4. The setting in which the services were rendered;
5. The amount of time it took to deliver the services;
6. The relationship of the services to the treatment regimen described in the treatment plan; and
7. Updates describing the individual's response to prescribed care and treatment.

(D) In addition to documentation required under subsection (12)(C), for medication services, the ACT provider shall provide additional documentation for each service episode, unit, or, as clinically indicated, for each service provided to the individual as follows:

1. Description of the individual's presenting condition;
2. Pertinent medical and psychiatric findings;
3. Observations and conclusions;
4. Individual's response to medication, including identifying and tracking over time one (1) or more target symptoms for each medication prescribed;
5. Actions and recommendations regarding the individual's ongoing medication regimen; and

6. Pertinent/significant information reported by family members or significant others regarding a change in the individual's condition, an unusual or unexpected occurrence in the individual's life, or both.

(E) The team shall review the treatment plan, goals, and objectives on a regular basis, as determined by department policy.

1. The review shall determine the individual's progress toward the treatment objectives, the appropriateness of the services being furnished, and the need for the individual's continued participation in specific community psychiatric rehabilitation services.

2. The team shall document the review in detail in the individual's record.

3. The ACT provider shall make the review available as requested for state or federal review purposes.

4. The ACT provider shall ensure the individual participates in the treatment plan review.

(F) The ACT program also shall include other information in the individual record, if not otherwise addressed in the intake/annual evaluation or treatment plan, including—

1. The individual's medical history, including—
 - A. Medical screening or relevant results of physical examinations; and
 - B. Diagnosis, physical disorders, and therapeutic orders;
2. Evidence of informed consent;
3. Results of prior treatment; and
4. Condition at discharge from prior treatment.

(G) Any authorized person making any entry in an individual's record shall sign and date the entry, including corrections to information previously entered in the individual's record.

(H) The ACT provider shall establish and implement a procedure that assures the intercenter transfer of referral and treatment information within five (5) working days.

(I) The ACT provider shall provide information, as requested, regarding individual characteristics, services, and costs to the department in a format established by the department.

(J) Each agency that is certified shall be subject to recoupment of all or part of department payments when—

1. The individual's record fails to document the service paid for was actually provided;
2. The individual's record fails to document the service paid for was provided by a qualified staff person, as defined in the Department of Mental Health Purchase of Service Catalog;
3. The individual's record fails to document the service that was paid meets the service definition, as defined in the Department of Mental Health Purchase of Service Catalog;
4. The individual's record fails to document the amount, duration, and length of service paid for by the department; or
5. The individual's record fails to document the service paid for was delivered under the direction of a current treatment plan that meets all the requirements for treatment plans set forth in 9 CSR 10-7.030.

(13) Quality Improvement—The agency's quality improvement plan shall include monitoring compliance with the ACT standards.

(A) Records shall show evidence that the team monitors hospitalization, housing, employment, and criminal justice contacts for all individual's using a tracking form approved by the department and submitted to the division on a quarterly basis.

(B) The agency shall conduct an annual fidelity self-assessment.

(C) The team shall participate in fidelity reviews conducted by the division.

(D) Team members or a designee(s) are expected to meet with the department and stakeholder groups and collaborate as needed.

AUTHORITY: section 630.050, RSMo Supp. 2008 and sections 630.655 and 632.050, RSMo 2000. Original rule filed Aug. 14, 2009.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule to Julie Carel, Division of Comprehensive Psychiatric Services, Department of Mental Health, PO Box 687, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand delivered, comments must be brought to the Department of Mental Health, 1706 E. Elm Street, Jefferson City, Missouri 65101. No public hearing is scheduled.

**Title 11—DEPARTMENT OF PUBLIC SAFETY
Division 50—Missouri State Highway Patrol
Chapter 2—Motor Vehicle Inspection Division**

PROPOSED AMENDMENT

11 CSR 50-2.320 School Bus Inspection. The division is amending section (2) of the rule.

PURPOSE: This amendment updates requirements for stop signal arms and provides additional rejection criteria for second stop signal arms on buses.

(2) Lighting Equipment and Signalling Devices.

(G) Stop Signal Arm. School buses shall have a red octagon signal arm, eighteen inches by eighteen inches (18" × 18"), installed on the left outside of the body with the word STOP plainly displayed. **All Type C and D buses manufactured after June 30, 2007, shall be equipped with a second stop signal arm of the same size, color, and shape on the left outside of the body near the rear of the bus. Except that the rear stop signal arm shall have no words or images on the forward-facing side,** [T]the signal arm may contain a white border with lettering and background of a reflective material meeting United States Department of Transportation standards. The stop signal arms shall contain either one (1) alternately flashing red lamp at the top and one (1) at the bottom visible to the front and rear or light emitting diodes (LEDs) that flash and spell out the word STOP.

(I) Observe Function of Lights and Signalling Devices.

1. Reject vehicle if:

A. Not equipped with required lights, reflectors, and signalling devices;

B. Any lighting device or reflector is obstructed;

C. Any required light, reflector, or signalling device fails to function properly;

D. Any light, reflector, or signalling device is not securely mounted;

E. Any light, reflector, or signalling device shows a color contrary to these regulations;

F. A lens or reflector is badly broken or if any part is missing or is incorrectly installed./;

G. The rear stop signal arm contains any words or images on the forward-facing side.

AUTHORITY: section[s] 307.360.2, RSMo 2000 and section 307.375, RSMo Supp. [2005] 2008. Original rule filed Nov. 4, 1968, effective Nov. 14, 1968. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Aug. 12, 2009.

PUBLIC COST: This proposed amendment will not cost state agen-

cies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Public Safety, Missouri State Highway Patrol, Post Office Box 568, Jefferson City, MO 65102-0568. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 3—Conditions of Provider Participation,
Reimbursement and Procedure of General Applicability**

PROPOSED AMENDMENT

13 CSR 70-3.030 Sanctions for False or Fraudulent Claims for [Title XIX] MO HealthNet Services. The division is amending the rule title, the purpose statement, and sections (1)–(3).

PURPOSE: This amendment changes the rule title and purpose statement to make it clear that it applies to all MO HealthNet services, amends the way adult critical care is billed by removing the clock time requirements from the definition of adequate documentation for certain procedure codes, and clarifies documentation requirements for targeted case management services administered through the Department of Mental Health. It also updates incorporated by reference material and corrects reference to copayment regulations.

PURPOSE: This rule establishes the basis on which certain claims for [Title XIX] MO HealthNet services or merchandise will be determined to be false or fraudulent and lists the sanctions which may be imposed and the method of imposing those sanctions.

(1) Administration. The [Missouri] MO HealthNet program shall be administered by the Department of Social Services, MO HealthNet Division. The services covered and not covered, the limitations under which services are covered, and the maximum allowable fees for all covered services shall be determined by the division and shall be included in the MO HealthNet provider manuals, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at its website www.dss.mo.gov/mhd, [October 1, 2007] **September 15, 2009**. This rule does not incorporate any subsequent amendments or additions.

(2) The following definitions will be used in administering this rule:

(A) "Adequate documentation" means documentation from which services rendered and the amount of reimbursement received by a provider can be readily discerned and verified with reasonable certainty. "Adequate medical records" are records which are of the type and in a form from which symptoms, conditions, diagnosis, treatments, prognosis, and the identity of the patient to which these things relate can be readily discerned and verified with reasonable certainty. All documentation must be made available at the same site at which the service was rendered. An adequate and complete patient record is a record which is legible, which is made contemporaneously with the delivery of the service, which addresses the patient/client specifics, which include, at a minimum, individualized statements that support the assessment or treatment encounter, and shall include documentation of the following information:

1. First name, *and*/ last name, and either middle initial or date of birth of the MO HealthNet participant;

2. An accurate, complete, and legible description of each service(s) provided;

3. Name, title, and signature of the MO HealthNet enrolled provider delivering the service. Inpatient hospital services must have signed and dated physician or psychologist orders within the patient's medical record for the admission and for services billed to MO HealthNet. For patients registered on hospital records as outpatient, the patient's medical record must contain signed and dated physician orders for services billed to MO HealthNet. Services provided by an individual under the direction or supervision are not reimbursed by MO HealthNet. Services provided by a person not enrolled with MO HealthNet are not reimbursed by MO HealthNet;

4. The name of the referring entity, when applicable;

5. The date of service (month/day/year);

6. For those MO HealthNet programs and services that are reimbursed according to the amount of time spent in delivering or rendering a service(s) (except for services **American Medical Association Current Procedural Terminology procedure codes 99291-99292 and targeted case management services administered through the Department of Mental Health** and as specified under 13 CSR 70-91.010 Personal Care Program (4)(A)) the actual begin and end time taken to deliver the service (for example, 4:00-4:30 p.m.) must be documented;

7. The setting in which the service was rendered;

8. The plan of treatment, evaluation(s), test(s), findings, results, and prescription(s) as necessary. Where a hospital acts as an independent laboratory or independent radiology service for persons considered by the hospital as "nonhospital" patients, the hospital must have a written request or requisition slip ordering the tests or procedures;

9. The need for the service(s) in relationship to the MO HealthNet participant's treatment plan;

10. The MO HealthNet participant's progress toward the goals stated in the treatment plan (progress notes);

11. Long-term care facilities shall be exempt from the seventy-two (72)-hour documentation requirements rules applying to paragraphs (2)(A)9. and (2)(A)10. However, applicable documentation should be contained and available in the entirety of the medical record;

12. For applicable programs it is necessary to have adequate invoices, trip tickets/reports, activity log sheets, employee records (excluding health records), and training records of staff; and

13. For targeted case management *[programs and]* services administered */by/ through* the Department of Mental Health, documentation shall include:

A. First name, last name, and either middle initial or date of birth of the MO HealthNet participant;

B. An accurate, complete, and legible case note of each service provided;

C. Name of the case manager providing the service;

D. Date the service was provided (month/day/year);

E. Amount of time in minutes/hour(s) spent completing the activity;

F. Setting in which the service was rendered;

G. Individual treatment plan or person centered plan with regular updates;

H. Progress notes;

I. Discharge summaries when applicable; and

J. Other relevant documents referenced in the case note such as letters, forms, quarterly reports, and plans of care;

(3) Program Violations.

(A) Sanctions may be imposed by the MO HealthNet agency against a provider for any one (1) or more of the following reasons:

1. Presenting, or causing to be presented, for payment any false or fraudulent claim for services or merchandise in the course of busi-

ness related to MO HealthNet;

2. Submitting, or causing to be submitted, false information for the purpose of obtaining greater compensation than that to which the provider is entitled under applicable MO HealthNet program policies or rules, including, but not limited to, the billing or coding of services which results in payments in excess of the fee schedule for the service actually provided or billing or coding of services which results in payments in excess of the provider's charges to the general public for the same services or billing for higher level of service or increased number of units from those actually ordered or performed or both, or altering or falsifying medical records to obtain or verify a greater payment than authorized by a fee schedule or reimbursement plan;

3. Submitting, or causing to be submitted, false information for the purpose of meeting prior authorization requirements or for the purpose of obtaining payments in order to avoid the effect of those changes;

4. Failing to make available, and disclosing to the MO HealthNet agency or its authorized agents, all records relating to services provided to MO HealthNet participants or records relating to MO HealthNet payments, whether or not the records are commingled with non-Title XIX (Medicaid) records. All records must be kept a minimum of five (5) years from the date of service unless a more specific provider regulation applies. The minimum five (5)-year retention of records requirement continues to apply in the event of a change of ownership or discontinuing enrollment in MO HealthNet. Services billed to the MO HealthNet agency that are not adequately documented in the patient's medical records or for which there is no record that services were performed shall be considered a violation of this section. Copies of records must be provided upon request of the MO HealthNet agency or its authorized agents, regardless of the media in which they are kept. Failure to make these records available on a timely basis at the same site at which the services were rendered or at the provider's address of record with the MO HealthNet agency, or failure to provide copies as requested, or failure to keep and make available adequate records which adequately document the services and payments shall constitute a violation of this section and shall be a reason for sanction. Failure to send records, which have been requested via mail, within the specified time frame shall constitute a violation of this section and shall be a reason for sanction;

5. Failing to provide and maintain quality, necessary, and appropriate services, including adequate staffing for long-term care facility MO HealthNet participants, within accepted medical community standards as adjudged by a body of peers, as set forth in both federal and state statutes or regulations. Failure shall be documented by repeat discrepancies. The discrepancies may be determined by a peer review committee, medical review teams, independent professional review teams, utilization review committees or by Professional Standards Review Organizations (PSRO). The medical review may be conducted by qualified peers employed by the single state agency;

6. Engaging in conduct or performing an act deemed improper or abusive of the MO HealthNet program or continuing the conduct following notification that the conduct should cease. This will include inappropriate or improper actions relating to the management of participants' personal funds or other funds;

7. Breaching of the terms of the MO HealthNet provider agreement of any current written and published policies and procedures of the MO HealthNet program (Such policies and procedures are contained in provider manuals or bulletins which are incorporated by reference and made a part of this rule as published by the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at its website www.dss.mo.gov/mhd, *[October 1, 2007]* **September 15, 2009**. This rule does not incorporate any subsequent amendments or additions.) or failing to comply with the terms of the provider certification on the MO HealthNet claim form;

8. Utilizing or abusing the MO HealthNet program as evidenced

by a documented pattern of inducing, furnishing or otherwise causing a participant to receive services or merchandise not otherwise required or requested by the participant, attending physician, or appropriate utilization review team; a documented pattern of performing and billing tests, examinations, patient visits, surgeries, drugs, or merchandise that exceed limits or frequencies determined by the department for like practitioners for which there is no demonstrable need, or for which the provider has created the need through ineffective services or merchandise previously rendered;

9. Rebating or accepting a fee or portion of a fee or charge for a MO HealthNet patient referral; or collecting a portion of the service fee from the participant, except this shall not apply to [Title XIX] MO HealthNet services for which participants are responsible for payment of a copayment or coinsurance in accordance with **13 CSR 70-4.050 and 13 CSR 70-4.051 [and 13 CSR 70-55.010]**;

10. Violating any provision of the State Medical Assistance Act or any corresponding rule;

11. Submitting a false or fraudulent application for provider status which misrepresents material facts. This shall include concealment or misrepresentation of material facts required on any provider agreements or questionnaires submitted by affiliates when the provider knew or should have known the contents of the submitted documents;

12. Violating any laws, regulations, or code of ethics governing the conduct of occupations or professions or regulated industries. In addition to all other laws which would commonly be understood to govern or regulate the conduct of occupations, professions, or regulated industries, this provision shall include any violations of the civil or criminal laws of the United States, of Missouri, or any other state or territory, where the violation is reasonably related to the provider's qualifications, functions, or duties in any licensed or regulated profession or where an element of the violation is fraud, dishonesty, moral turpitude, or an act of violence;

13. Failing to meet standards required by state or federal law for participation (for example, licensure);

14. Exclusion from the Medicare program or any other federal health care program;

15. Failing to accept MO HealthNet payment as payment in full for covered services or collecting additional payment from a participant or responsible person, except this shall not apply to [Title XIX] MO HealthNet services for which participants are responsible for payment of a copayment or coinsurance in accordance with **13 CSR 70-4.050 and 13 CSR 70-4.051 [and 13 CSR 70-55.010]**;

16. Refusing to execute a new provider agreement when requested to do so by the single state agency in order to preserve the single state agency's compliance with federal and state requirements; or failure to execute an agreement within twenty (20) days for compliance purposes;

17. Failing to correct deficiencies in provider operations within ten (10) days or date specified after receiving written notice of these deficiencies from the single state agency or within the time frame provided from any other agency having licensing or certification authority;

18. Being formally reprimanded or censured by a board of licensure or an association of the provider's peers for unethical, unlawful, or unprofessional conduct; any termination, removal, suspension, revocation, denial, probation, consented surrender, or other disqualification of all or part of any license, permit, certificate, or registration related to the provider's business or profession in Missouri or any other state or territory of the United States;

19. Being suspended or terminated from participation in another governmental medical program such as Workers' Compensation, Crippled Children's Services, Rehabilitation Services, Title XX Social Service Block Grant, or Medicare;

20. Using fraudulent billing practices arising from billings to third parties for costs of services or merchandise or for negligent

practice resulting in death or injury or substandard care to persons including, but not limited to, the provider's patients;

21. Failing to repay or make arrangements for the repayment of identified overpayments or otherwise erroneous payments prior to the allowed forty-five (45) days which the provider has to refund the requested amount;

22. Billing the MO HealthNet program more than once for the same service when the billings were not caused by the single state agency or its agents;

23. Billing the state MO HealthNet program for services not provided prior to the date of billing (prebilling), except in the case of prepaid health plans or pharmacy claims submitted by point-of-service technology; whether or not the prebilling causes loss or harm to the MO HealthNet program;

24. Failing to reverse or credit back to the medical assistance program (MO HealthNet) within thirty (30) days any pharmacy claims submitted to the agency that represent products or services not received by the participant; for example, prescriptions that were returned to stock because they were not picked up;

25. Conducting any action resulting in a reduction or depletion of a long-term care facility MO HealthNet participant's personal funds or reserve account, unless specifically authorized in writing by the participant, relative, or responsible person;

26. Submitting claims for services not personally rendered by the individually enrolled provider, except for the provisions specified in the MO HealthNet dental, physician, or nurse midwife programs where such claims may be submitted only if the individually enrolled provider directly supervised the person who actually performed the service and the person was employed by the enrolled provider at the time the service was rendered. All claims for psychiatric, psychological counseling, speech therapy, physical therapy, and occupational therapy services may only be billed by the individually enrolled provider who actually performs the service, as supervision is non-covered for these services. Services performed by a nonenrolled person due to MO HealthNet sanction, whether or not the person was under supervision of the enrolled provider, is a noncovered service;

27. Making any payment to any person in return for referring an individual to the provider for the delivery of any goods or services for which payment may be made in whole or in part under MO HealthNet. Soliciting or receiving any payment from any person in return for referring an individual to another supplier of goods or services regardless of whether the supplier is a MO HealthNet provider for the delivery of any goods or services for which payment may be made in whole or in part under MO HealthNet is also prohibited. Payment includes, without limitation, any kickback, bribe, or rebate made, either directly or indirectly, in cash or in-kind;

28. Billing for services through an agent, which were upgraded from those actually ordered, performed; or billing or coding services, either directly or through an agent, in a manner that services are paid for as separate procedures when, in fact, the services were performed concurrently or sequentially and should have been billed or coded as integral components of a total service as prescribed in MO HealthNet policy for payment in a total payment less than the aggregate of the improperly separated services; or billing a higher level of service than is documented in the patient/client record; or unbundling procedure codes;

29. Conducting civil or criminal fraud against the MO HealthNet program or any other state Medicaid (medical assistance) program, or any criminal fraud related to the conduct of the provider's profession or business;

30. Having sanctions or any other adverse action invoked by another state Medicaid program;

31. Failing to take reasonable measures to review claims for payment for accuracy, duplication, or other errors caused or committed by employees when the failure allows material errors in billing to occur. This includes failure to review remittance advice statements provided which results in payments which do not correspond with the actual services rendered;

32. Submitting improper or false claims to the state or its fiscal agent by an agent or employee of the provider;

33. For providers other than long-term care facilities, failing to retain in legible form for at least five (5) years from the date of service, worksheets, financial records, appointment books, appointment calendars (for those providers who schedule patient/client appointments), adequate documentation of the service, and other documents and records verifying data transmitted to a billing intermediary, whether the intermediary is owned by the provider or not. For long-term care providers, failing to retain in legible form, for at least seven (7) years from the date of service, worksheets, financial records, adequate documentation for the service(s), and other documents and records verifying data transmitted to a billing intermediary, whether the intermediary is owned by the provider or not. The documentation must be maintained so as to protect it from damage or loss by fire, water, computer failure, theft, or any other cause;

34. Removing or coercing from the possession or control of a participant any item of durable medical equipment which has reached MO HealthNet-defined purchase price through MO HealthNet rental payments or otherwise become the property of the participant without paying fair market value to the participant;

35. Failing to timely submit civil rights compliance data or information or failure to timely take corrective action for civil rights compliance deficiencies within thirty (30) days after notification of these deficiencies or failure to cooperate or supply information required or requested by civil rights compliance officers of the single state agency;

36. Billing the MO HealthNet program for services rendered to a participant in a long-term care facility when the resident resided in a portion of the facility which was not MO HealthNet-certified or properly licensed or was placed in a nonlicensed or MO HealthNet-noncertified bed;

37. Failure to comply with the provisions of the Missouri Department of Social Services, MO HealthNet Division Title XIX Participation Agreement with the provider relating to health care services;

38. Failure to maintain documentation which is to be made contemporaneously to the date of service;

39. Failure to maintain records for services provided and all billing done under his/her provider number regardless to whom the reimbursement is paid and regardless of whom in his/her employ or service produced or submitted the MO HealthNet claim or both;

40. Failure to submit proper diagnosis codes, procedure codes, billing codes regardless to whom the reimbursement is paid and regardless of whom in his/her employ or service produced or submitted the MO HealthNet claim;

41. Failure to submit and document, as defined in subsection (2)(A) the length of time (begin and end clock time) actually spent providing a service, except for services as specified under 13 CSR 70-91.010(4)(A) Personal Care Program, regardless to whom the reimbursement is paid and regardless of whom in his/her employ or service produced or submitted the MO HealthNet claim or both;

42. Billing for the same service as another provider when the service is performed or attended by more than one (1) enrolled provider. MO HealthNet will reimburse only one (1) provider for the exact same service;

43. Failing to make an annual attestation of compliance with the provisions of Section 6032 of the federal Deficit Reduction Act of 2005 by March 1 of each year, or failing to provide a requested copy of an attestation, or failing to provide written notification of having more than one (1) federal tax identification number by September 30 of each year, or failing to provide requested proof of a claimed exemption from the provisions of section 6032 of the federal Deficit Reduction Act of 2005; and

44. Failing to advise the single state agency, in writing, on enrollment forms specified by the single state agency, of any changes affecting the provider's enrollment records within ninety (90) days of

the change, with the exception of change of ownership or control of any provider which must be reported within thirty (30) days.

AUTHORITY: sections 208.153 and 208.201, RSMo Supp. [2007] 2008. This rule was previously filed as 13 CSR 40-81.160. Original rule filed Sept. 22, 1979, effective Feb. 11, 1980. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 3—Conditions of Provider Participation,
Reimbursement and Procedure of General Applicability**

PROPOSED AMENDMENT

13 CSR 70-3.100 Filing of Claims, MO HealthNet Program. The division is amending section (2).

PURPOSE: This amendment updates incorporated by reference material.

(2) Specific claims filing instructions are modified as necessary for efficient and effective administration of the program as required by federal or state law or regulation. Reference the appropriate MO HealthNet provider manual, provider bulletins, and claim filing instructions for specific claim filing instructions information, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at its website at www.dss.mo.gov/mhd, [September 2, 2008] **September 15, 2009**. This rule does not incorporate any subsequent amendments or additions.

AUTHORITY: sections 208.153 and 208.201, RSMo Supp. [2007] 2008. This rule was previously filed as 13 CSR 40-81.070 and 13 CSR 40-81.071. Original rule filed June 2, 1976, effective Oct. 11, 1976. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the

Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—[Division of Medical Services]
MO HealthNet Division
Chapter 20—Pharmacy Program

PROPOSED AMENDMENT

13 CSR 70-20.034 List of Non-Excludable Drugs for Which Prior Authorization Is Required. The division is amending the purpose statement and section (2).

PURPOSE: This amendment changes the name of Missouri's medical assistance program to MO HealthNet, revises the name of the administering agency to MO HealthNet Division, and updates the division's website address and incorporated by reference material.

PURPOSE: This rule establishes a listing of non-excludable drugs and categories of drugs for which prior authorization is required in order for them to be reimbursable under the [Missouri Medicaid] MO HealthNet Pharmacy Program.

(2) List of drugs or categories of drugs which are restricted to require prior authorization for certain specified indications shall be made available through the Department of Social Services, [Division of Medical Services] MO HealthNet Division website at [www.dss.mo.gov/dms] www.dss.mo.gov/mhd, provider bulletins, and updates to the provider manual which are incorporated by reference and made a part of this rule as published by the Department of Social Services, [Division of Medical Services] MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at its website, [February 15, 2007] **September 15, 2009**. This rule does not incorporate any subsequent amendments or additions. The division reserves the right to affect changes in prior authorization of non-excludable drugs by amending this rule.

AUTHORITY: sections 208.152, [RSMo Supp. 2006 and] 208.153, and 208.201, RSMo [2000] Supp. 2008. Emergency rule filed Nov. 21, 2000, effective Dec. 1, 2000, expired May 29, 2001. Original rule filed June 29, 2000, effective Feb. 28, 2001. Emergency amendment filed June 7, 2002, effective July 1, 2002, expired Dec. 27, 2002. Amended: Filed June 11, 2002, effective Jan. 30, 2003. Amended: Filed Jan. 16, 2007, effective July 30, 2007. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand-delivered,

comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—[Division of Medical Services]
MO HealthNet Division
Chapter 35—Dental Program

PROPOSED AMENDMENT

13 CSR 70-35.010 Dental Benefits and Limitations, [Medicaid] MO HealthNet Program. The division is amending the rule title, the purpose statement, and sections (1)–(7).

PURPOSE: This amendment changes the name of Missouri's medical assistance program to MO HealthNet, revises the name of the administering agency to MO HealthNet Division, changes program recipients to participants, and updates the division's website address and incorporated by reference material. This amendment provides for the following changes: section (3) was changed to clarify dental coverage for adults, section (5) was changed to provide the website address for the fee schedule, and section (7) was updated to clarify records retention.

PURPOSE: This rule describes the dental services for which the [Division of Medical Services] MO HealthNet Division shall pay when the service is provided to an eligible assistance [recipient,] participant; the service is provided by a licensed dentist, licensed dental hygienist, or licensed and certified dental specialist who has entered into an agreement for that purpose with the division; and the service is listed as a covered item in the [Medicaid] MO HealthNet Dental Manual sponsored by the division. The [Medicaid] MO HealthNet Dental Manual describes the dental services which shall be paid under limitations and those which shall not be paid under present conditions.

(1) Administration. The [Missouri Medicaid] MO HealthNet dental program shall be administered by the [Division of Medical Services] MO HealthNet Division, Department of Social Services. The dental services covered and not covered, the limitations under which services are covered, and the maximum allowable fees for all covered services shall be determined by the [Division of Medical Services] MO HealthNet Division and shall be included in the [Medicaid] MO HealthNet Dental Provider Manual, which is incorporated by reference and made part of this rule as published by the Department of Social Services, [Division of Medical Services] MO HealthNet Division, 615 Howerton Court, Jefferson City, MO [65102] **65109**, at its website at [www.dss.mo.gov/dms] www.dss.mo.gov/mhd, [July 15, 2005] **September 15, 2009**. This rule does not incorporate any subsequent amendments or additions. Dental services covered by the [Missouri Medicaid] MO HealthNet program shall include only those which are clearly shown to be medically necessary. The division reserves the right to effect changes in services, limitations, and fees with proper notification to [Medicaid] MO HealthNet dental providers.

(2) Provider Participation. A dentist shall be licensed by the dental board of the state in which s/he is practicing and shall have signed a participation agreement to provide dental services under the [Missouri Medicaid] MO HealthNet program. An oral surgeon or other dentist specialist shall be licensed in his/her specialty area by the dental board of the state in which s/he is practicing. In those states not having a specialty licensure requirement, the dentist specialist shall be a graduate of and hold a certificate from a graduate training program in that specialty in an accredited dental school. In either case, the dental specialist shall have signed a participation

agreement to provide dental services under the *[Missouri Medicaid]* MO HealthNet program. A dental hygienist shall be licensed by the dental board of the state for at least three (3) consecutive years and practicing in a public health setting to provide fluoride treatments, teeth cleaning, and sealants to *[Medicaid/MC+]* MO HealthNet/MO HealthNet for Kids eligible children ages zero (0) to twenty (20).

(3) *[Recipient]* Participant Eligibility. The *[Medicaid]* MO HealthNet dental provider shall ascertain the patient's *[Medicaid]* MO HealthNet status before any service is performed. The *[recipient's Medicaid/MC+]* participant's MO HealthNet/MO HealthNet for Kids eligibility is determined by the Family Support Division. The *[recipient's]* participant's eligibility shall be verified from a current *[Medicaid/MC+]* MO HealthNet/MO HealthNet for Kids identification card or a letter of new approval in the *[recipient's]* participant's possession. The patient must be a *[Medicaid]* MO HealthNet eligible *[recipient]* participant under the *[Missouri Medicaid/MC+]* MO HealthNet/MO HealthNet for Kids program on the date the service is performed. The *[Division of Medical Services]* MO HealthNet Division is not allowed to pay for any service to a patient who is not eligible under the *[Missouri Medicaid/MC+]* MO HealthNet/MO HealthNet for Kids program.

(A) *[Medicaid]* MO HealthNet reimbursement of dental services shall be limited to *[Medicaid]* MO HealthNet eligible *[needy]* children or persons receiving *[Medicaid]* MO HealthNet under a category of assistance for pregnant women or the blind.

(B) *[Medicaid recipients]* MO HealthNet participants living in a nursing facility will not experience dental service reductions. Nursing facility level of care must be indicated on the *[Medicaid]* MO HealthNet eligibility file. When providing dental services to a *[recipient]* participant who is living in a nursing facility providers should continue to submit claims to *[Missouri Medicaid]* MO HealthNet. *[Medicaid]* MO HealthNet eligible nursing facility residents will have payments for dental care adjudicated through the *[Medicaid]* MO HealthNet claims payment system.

(C) For all other eligibility categories of *[Medicaid]* MO HealthNet assistance dental services will only be reimbursed if the dental care is related to trauma of the mouth, jaw, teeth, or other contiguous sites as a result of injury or *[for treatment of a disease/medical condition without which the health of the individual would be adversely affected]* as related to a medical condition when a written referral from the participant's physician states the absence of dental treatment would adversely affect the stated pre-existing medical condition.

1. Reimbursement for dental care shall be limited to those procedure codes *[listed at]* identified in section (19) *[subsection (3)]* of the *[Medicaid]* MO HealthNet Dental Provider Manual which may be referenced at *[www.dss.mo.gov/dms]* www.dss.mo.gov/mhd; *[or]* and

2. *[Prior authorization by the Division of Medical Services is required for dental care related to trauma of the mouth, jaw, teeth, or other contiguous sites as a result of injury or for treatment of a disease/medical condition without which the health of the individual would be adversely affected if that care is not listed at section (19) subsection (3) of the Medicaid Dental Provider Manual]* Participants must have a written referral from their physician stating the absence of dental treatment would adversely affect the stated pre-existing medical condition. This referral must be maintained in the patient's record and made available to the MO HealthNet Division or its agent upon request.

(4) Prior Authorization. When prior authorization is required, the form provided by the *[Division of Medical Services]* MO HealthNet Division or its contracted agent shall be used. The dental service shall not be started until written approval has been received. Telephone approval shall not be given. Prior authorization

shall be effective for a period of one hundred twenty (120) days from the date of written approval. Prior authorization approves the medical necessity of the requested dental service. It shall not guarantee payment for that service as the patient must be a *[Medicaid]* MO HealthNet eligible *[recipient]* participant on the date the service is performed. The division reserves the right to request documentation regarding any specific request for prior authorization.

(5) Services, Covered and Noncovered. The *[Medicaid]* MO HealthNet Dental Manual shall provide the detailed listing of procedure codes *[and pricing information]* for services covered by the *[Missouri Medicaid]* MO HealthNet Dental Program. Pricing information can be obtained from the fee schedule posted at www.dss.mo.gov/mhd/providers/pages/cptagree.htm.

(6) General Regulations. General regulations of the *[Missouri Medicaid]* MO HealthNet program apply to the dental program.

(7) Records Retention. *[The enrolled Medicaid dental provider shall agree to keep any records necessary to disclose the extent of services the provider furnishes to recipients.]* Sanctions may be imposed by the MO HealthNet agency against a provider for failing to make available, and disclosing to the MO HealthNet agency or its authorized agents, all records relating to services provided to MO HealthNet participants or records related to MO HealthNet payments, whether or not the records are comingled with non-MO HealthNet records in compliance with 13 CSR 70-3.030. These records must be retained for five (5) years from the date of service. Fiscal and medical records coincide with and fully document services billed to the *[Medicaid]* MO HealthNet agency. Providers must furnish or make the records available for inspection or audit by the Department of Social Services or its representative upon request. Failure to furnish, reveal, or retain adequate documentation for services billed to the *[Medicaid]* MO HealthNet program, as specified above, is a violation of this regulation.

AUTHORITY: sections 208.152, [RSMo Supp. 2004,] 208.153, and 208.201, RSMo [2000] Supp. 2008. This rule was previously filed as 13 CSR 40-81.040. Original rule filed Jan. 21, 1964, effective Jan. 31, 1964. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—[Division of Medical Services]
MO HealthNet Division
Chapter 40—Optical Program**

PROPOSED AMENDMENT

13 CSR 70-40.010 Optical [Care] Benefits and Limitations—[Medicaid] MO HealthNet Program. The division is amending the rule title, the purpose statement, and sections (1)–(9).

PURPOSE: This amendment changes the name of Missouri's medical assistance program to MO HealthNet, revises the name of the administering agency to MO HealthNet Division, changes program recipients to participants, updates the division's website address and incorporated by reference material, and updates the regulation to recognize changes in clinical procedures made to the optical program.

PURPOSE: This rule establishes the basis for administering the Optical Care program under the [Missouri Medicaid] MO HealthNet program, including the designation of professional persons who may perform optical care services; services which are covered, noncovered, and limitations within the program; and the method of reimbursement.

(1) Administration. The Optical [Care] program shall be administered by the Department of Social Services, [Division of Medical Services] **MO HealthNet Division**. The optical [care] services covered and not covered, the program limitations, and the maximum allowable fees for all covered services shall be determined by the Department of Social Services, [Division of Medical Services] **MO HealthNet Division** and shall be included in the Optical provider manual and provider bulletins, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, [Division of Medical Services] **MO HealthNet Division**, 615 Howerton Court, Jefferson City, MO 65109, at its website at www.dss.mo.gov/dms, June 15, 2006] www.dss.mo.gov/mhd, September 15, 2009. This rule does not incorporate any subsequent amendment or additions. Services covered shall include only those which are clearly shown to be medically necessary.

(2) Persons Eligible. Any person who is eligible for Title XIX benefits from the Family Support Division and who is found to be in need of optical [care] services as described in this regulation subject to the limitations set forth in subsections (7)(A)–[(Y)](W).

(3) Provider Participation. To be eligible for participation in the [Missouri Medicaid] **MO HealthNet Optical [Care] Program**, a provider must meet the criteria specified for his/her profession as follows:

(A) An optometrist must be a duly licensed Doctor of Optometry (OD) to participate in [Medicaid] the **MO HealthNet program**, must be licensed in accordance with the licensing provisions of the state in which s/he practices, and must have a current [Missouri Medicaid] **MO HealthNet** participation agreement and provider number;

(B) A physician must be a duly licensed Doctor of Medicine (MD) or Doctor of Osteopathy (DO) to participate in [Medicaid] the **MO HealthNet program**, must be licensed in accordance with the licensing provisions of the state in which s/he practices, and must have a current [Missouri Medicaid] **MO HealthNet** participation agreement and provider number;

(C) An optometric clinic can participate in the Optical [Care] program if it has a current [Medicaid] **MO HealthNet program** optometric clinic number. In addition to the clinic number, each of the performing optometrists must have an effective participation agreement and [Medicaid] **MO HealthNet program** provider number. Reimbursement can be made to the clinic for all covered services provided at the clinic; and

(D) An optician, optical dispenser, or manufacturer of artificial eyes must have a current [Missouri Medicaid] **MO HealthNet** participation agreement and provider number.

(4) Types of Service Reimbursed by [Medicaid] the **MO HealthNet program** for Each Profession.

(A) Optometrist or Optometric Clinic.

1. Eye examinations.

2. Refractions.

[2.]3. Eyeglasses.

[3.]4. Artificial eyes.

[4.]5. Special ophthalmological services.

(D) Physicians (MD or DO).

1. Eye examinations.

2. Refractions.

[2.]3. Eyeglasses.

[3.]4. Artificial eyes.

[4.]5. Special ophthalmological services.

(5) Reimbursement. [Medicaid] **MO HealthNet** reimbursement will be the lower of the provider's usual and customary charge to the general public or the [Medicaid] **MO HealthNet** allowable amount.

(6) Covered Services.

(A) Complete or limited eye examination with refraction.

(B) Eye refraction (Medicare-[Medicaid recipient] **MO HealthNet participant** only).

(L) Special frames [(prior authorization required)].

(M) Special lens [(medical necessity required)].

(N) Miscellaneous repairs [(medical necessity required)].

(S) Rose I and Rose II tints [(medical necessity required)].

(T) Photochromatic [(prior authorization required)].

(U) Orthoptic and/or pleoptic training, with continuing optometric direction and evaluation (visual therapy/training) [(prior authorization required)].

(V) Fitting of contact lens for treatment of disease, including supply of lens (therapeutic bandage lens) [(medical necessity required)].

(W) Visual field examination with optometric diagnostic evaluation; tangent screen, Autoplot, or equivalent [(prior authorization required)].

(X) Electro-oculography, with medical diagnostic evaluation [(prior authorization required)].

(Y) Visually evoked potential (response) study, with medical diagnostic evaluation [(prior authorization required)].

(Z) Quantitative perimetry, for example, several isopters on Goldmann perimeter or equivalent [(prior authorization required)].

(7) Program Limitations.

(A) One (1) comprehensive or one (1) limited eye examination is allowed per two (2) years (within a twenty-four (24)-month period of time) under the [Medicaid] **MO HealthNet** program. Eligible [needy] children, pregnant women, and blind persons are allowed one (1) comprehensive or one (1) limited eye examination per year (within a twelve (12)-month period of time) under the [Medicaid] **MO HealthNet** program. Payment for a comprehensive eye examination will be made only if six (6) or more of the following procedures have been performed:

1. Refraction far point and near point;

2. Case history;

3. Visual acuity testing;

4. External eye examination;

5. Pupillary reflexes;

6. Ophthalmoscopy;

7. Ocular motility testing;

8. Binocular coordination;

9. Vision fields;

10. Biomicroscopy (slit lamp);

11. Tonometry;

12. Color vision; and

13. Depth perception.

(C) Eligible *[needy]* children, pregnant women, and blind persons may be allowed additional eye examinations during the year (within a twelve (12)-month period of time) if medically necessary (that is, cataract examination, prescription change of 0.50 diopters or greater). *[A Medical Necessity Form must be completed for eye examinations in excess of one (1) per year.]*

(D) Eyeglasses are covered by *[Medicaid]* the MO HealthNet program for *[Medicaid]* MO HealthNet eligible individuals when the prescription is at least 0.75 diopters for one (1) eye or 0.75 diopters for each eye.

(E) Only one (1) pair of eyeglasses is allowed every two (2) years (within any twenty-four (24)-month period of time) for *[Medicaid]* MO HealthNet eligible individuals.

[(F) All claims for eyeglasses or lenses must contain the prescription and the name of the prescribing physician (MD or DO) or optometrist (OD).]

[(G)](F) The original eyeglass prescription and laboratory invoices listing costs for optical materials, lenses, and/or frames provided; and the charge for grinding, edging, or assembling of glasses must be kept on file by the provider for five (5) years and furnished to the *[Department of Social Services, (DOSS)]* MO HealthNet Division upon request.

[(H)](G) Special frames are covered under the *[Missouri Medicaid]* MO HealthNet program if they are required for medical reasons and are prior authorized by *[DOSS]* MO HealthNet Division. Special frames may be authorized if the patient requires special lenses (over 4.00 diopters for one (1) eye or over 4.00 diopters for each eye and are extra thick or heavy), the structure of the patient's face requires special frames (a very large face, wide-set eyes), or the patient needs glasses with pads because of nose surgery. *[The Prior Authorization Request Form must be completed and signed by the prescribing physician or optometrist.]*

[(I)](H) Special lenses are covered under the *[Missouri Medicaid]* MO HealthNet program if they are medically justified and the prescription is plus or minus 4.00 diopters for one (1) eye or 4.00 diopters for each eye, cataract lenses, or special bifocal lenses (for example, plastic Executive lenses). *[A Medical Necessity Form stating the reason special lenses are required must be completed and signed by the prescribing physician or optometrist and attached to the claim form.]*

[(J)](I) Plastic lenses may be dispensed under the *[Missouri Medicaid]* MO HealthNet program. Reimbursement will be at the same rate as comparable glass lenses. Additional payment will be allowed for plastic lenses that meet the definition of special lenses and are medically justified.

[(K)](J) Photochromatic lenses are covered only if medically necessary *[and prior authorized by the DOSS medical consultant. The Prior Authorization Request Form must be completed and signed by the prescribing physician or optometrist].*

[(L)](K) Tinted lenses (Rose I and Rose II) are covered if medically necessary. *[A Medical Necessity Form completed and signed by the prescribing physician or optometrist must be attached to the claim form for the glasses.]*

[(M)](L) Replacement of optical materials and repairs in excess of program limitations may be covered if medically necessary, or required for employment training, or educational purposes, as follows:

1. Replacement of complete eyeglasses (frames and lenses)/—*Prior authorization required].*

A. Lenses and frames broken (*[recipient]* participant must show provider the broken glasses or *[Medicaid]* the MO HealthNet program will not pay for the glasses).

B. Lost.

C. Destroyed.

D. Stolen.

E. Repair of existing glasses would exceed the *[Medicaid]* the MO HealthNet allowable amount for new frames and lenses;

2. Lenses—*[Medical Necessity Form required]* if medically necessary.

A. Scratched.

B. Broken.

C. Prescription change of at least 0.50 diopters or greater *[[old and new prescription must appear on the Medical Necessity and claim forms]]*; or

3. Frames—*[Prior authorization required.]* Temples, fronts, or both broken and repair would exceed the *[Medicaid]* MO HealthNet allowable amount for new frames.

[(N)](M) Repair of frames or replacement of parts of frames (temples) are covered as follows *[(Medical Necessity Form required)]*:

1. The cost of the repairs do not exceed the *[Missouri Medicaid]* MO HealthNet allowable amount for new frames; and

2. Repair would provide a serviceable frame for the *[recipient]* participant.

[(O)](N) Temples may never be billed in addition to complete new eyeglasses and new frames.

[(P)] Prior authorization is required for all optical services for Missouri Medicaid recipients residing in a nursing home, boarding home or domiciliary home when the service is provided in the nursing home. The provider must submit a Prior Authorization Request Form to DOSS before the service is provided in order for Medicaid payment to be made.]

[(Q)](O) An eye refraction is included in the reimbursement for a comprehensive or limited eye examination. Because the eye refraction is not covered by Medicare but is covered by *[Medicaid]* MO HealthNet, providers may bill *[Medicaid]* MO HealthNet for an eye refraction when the patient has Medicare and *[Medicaid]* MO HealthNet coverage.

[(R)](P) Eyeglasses may be covered by *[Medicaid]* MO HealthNet for a prescription of less than 0.75 diopters if medically necessary. *[A Medical Necessity Form must be completed by the prescribing physician or optometrist and attached to the claim form.]* Eyeglasses less than 0.75 diopters will be approved for the following reasons:

1. Child *[under]* age *[eighteen (18)]* twenty (20) and under who requires glasses for school performances;

2. Visual acuity 20/40 or less; or

3. Protective eyewear for persons with sight in only one (1) eye.

[(S)](Q) Any warranties extended by optical companies for optical materials to private-pay patients must also apply to those same materials dispensed to *[Medicaid recipients]* MO HealthNet participants.

[(T)](R) *[Medicaid]* The MO HealthNet program allows one (1) artificial eye per eye (one (1) left and one (1) right) within a five (5)-year period. If the artificial eye is lost, destroyed, cracked, or deteriorated, payment will be allowed for replacement *[if a Medical Necessity Form is completed and attached to the claim].*

[(U)](S) Optometrist may be reimbursed for visual therapy training when there is a prognosis for substantial improvement or correction of an ocular or vision condition. These conditions include amblyopia, eccentric (nonfoveal) monocular fixation, suppression, inadequate motor or sensory fusion, and strabismus (squint). Orthoptic and pleoptic training must be prior authorized by the *[DOSS]* MO HealthNet Division Optometric Consultant. The number of training sessions *[are]* is limited to one (1) per day, two (2) per week, and a maximum of twenty (20) sessions may be requested on the Prior Authorization Request Form. If the patient shows significant improvement after the initial twenty (20) sessions and the optometrist feels that further progress could be made, *[DOSS]* MO HealthNet Division may grant prior authorization for additional training sessions not to exceed a total of forty (40) sessions.

[(V)](T) Fitting of contact lens for treatment of disease, including supply of lens (therapeutic bandage lens) is covered if it is prescribed by a physician, (MD or DO), as a bandage to cover a diseased condition of the eye, such as a bandage over an abrasion of the skin. The lens must be plain with no corrective power. Diagnosis for which the

lens should be reimbursed are Bullous Keratopathy, Corneal Ulcers, Ocular Pemphigoid, and other corneal exposure problems. *[A Medical Necessity Form completed and signed by the prescribing physician must be attached to the claim form.]*

[(W)](U) Visual field examination with optometric diagnosis evaluation, tangent screen, Autoplot, or equivalent, *[are]* is covered when performed by an optometrist and prior authorized by *[DOSS]* **MO HealthNet Division**. The following criteria will be considered in granting prior authorization:

1. Elevated intraocular pressure;
2. Best corrected visual acuity of 20/40 or less in either eye;
3. Headaches not attributed to refractive error; and
4. Reduction of confrontation fields.

[(X)](V) Quantitative perimetry, for example, several isopters on Goldmann perimeter, or equivalent is covered.

[(Y)](W) Serial tonometry with optometric diagnostic evaluation (separate procedure), one (1) or more sessions on the same day is covered when performed by an optometrist. Routine tonometry is included in the reimbursement for a comprehensive examination and cannot be billed separately.

(8) Noncovered Services.

(B) Optical services or materials provided to a *[recipient]* **participant** who was not eligible on the date the service was provided or the optical materials were delivered to the patient.

(C) Sales or use tax on optical materials (the *[recipient]* **participant** is not responsible for and may not be billed for such taxes).

[(E)] Wire-rimmed frames.]

[(F)] Ornamental, jeweled and trimmed frames.]

[(G)](E) Sunglasses.

[(H)](F) Lenses exceeding 65 mm in diameter of frames for such lenses.

[(I)](G) Temporary lenses for cataract lenses.

[(J)](H) Eyeglass cases.

[(K)](I) Monicals.

[(L)](J) Magnifiers.

[(M)](K) Eye medications.

[(N)](L) Repair of old frames if the repair exceeds the cost of new frames.

[(O)](M) Replacement of optical materials resulting from patient abuse.

[(P)](N) Optical materials which are not medically necessary.

[(Q)](O) Nose pads.

[(R)](P) Eyeglass adjustments.

[(S)](Q) Optical materials not meeting *[DOSS]* **MO HealthNet Division** standards.

[(T)](R) Lenses or frames supplied incorrectly to the provider by the supplier or manufacturer.

[(U)](S) Replacement of lenses, complete eyeglasses, frames, or artificial eyes supplied incorrectly to *[recipient]* **participant** by optical provider.

[(V)](T) Optical materials in excess of those authorized within the benefit period.

(9) General Regulations. This rule shall not encompass all of the general regulations of the *[Medicaid]* **MO HealthNet** program. These regulations, however, shall be in effect for the optical *[care]* section of the overall program.

AUTHORITY: sections 208.152, *[RSMo Supp. 2005 and]* 208.153, and 208.201, *RSMo [2000] Supp. 2008*. This rule was previously filed as 13 CSR 40-81.170. Emergency rule filed April 10, 1981, effective April 20, 1981, expired July 10, 1981. Original rule filed April 10, 1981, effective July 11, 1981. For intervening history, please consult the *Code of State Regulations*. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the *Missouri Register*. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES

Division 70—*[Division of Medical Services]*

MO HealthNet Division

Chapter 90—Home Health Program

PROPOSED AMENDMENT

13 CSR 70-90.010 Home Health-Care Services. The division is amending the purpose statement and sections (1)–(8).

PURPOSE: This amendment changes the name of Missouri's medical assistance program to MO HealthNet, revises the name of the administering agency to MO HealthNet Division, changes reference to program recipients to participants, and updates the division website and incorporated by reference material.

PURPOSE: This rule provides the regulatory basis for *[Title XIX Medicaid vendor]* payment for home health-care services provided to *[Medicaid-eligible individuals]* **MO HealthNet-eligible participants**.

(1) An otherwise eligible *[Medicaid recipient]* **MO HealthNet participant** is eligible for *[Medicaid]* **MO HealthNet** reimbursement on his/her behalf for home health services if all the conditions of subsections (1)(A)–(D) are met—

(A) The *[recipient]* **participant** requires—

1. Intermittent skilled nursing care which is reasonable and necessary for the treatment of an injury or illness; or

2. Physical, occupational, or speech therapy when the following conditions are met—

A. The *[recipient]* **participant** is *[a needy]* **an eligible** child, pregnant woman, or blind person; and

B. Physical, occupational, or speech therapy reasonable and necessary for restoration to an optimal level of functioning following an injury or illness, in accordance with limitations set forth in section (8) of this rule./;

(B) The *[recipient]* **participant** is confined to his/her home in accordance with section (3);

(D) The services are provided in the *[recipient's]* **participant's** place of residence by a qualified person in the employ of or under contract to a Medicare-certified home health agency which is also licensed by Missouri and enrolled with the *[Medicaid]* **MO HealthNet** program.

(2) To qualify as skilled nursing care or as physical, occupational, or speech therapy under paragraph (1)(A)1. or subparagraph (1)(A)2.B. and to be reimbursable under the *[Medicaid]* **MO HealthNet** Home Health Program, a service must meet the following criteria:

(C) The service must constitute active treatment for an illness or

injury and be reasonable and necessary. To be considered reasonable and necessary, services must be consistent with the nature and severity of the individual's illness or injury, his/her particular medical needs, and accepted standards of medical practice. Services directed solely to the prevention of illness or injury will neither meet the conditions of paragraph (1)(A)1. or subparagraph (1)(A)2.B. nor be reimbursed by the *[Medicaid]* MO HealthNet Home Health Program.

(3) A *[recipient]* participant will be considered to be confined to his/her home in accordance with subsection (1)(B), if s/he has a condition due to an injury or illness which restricts his/her ability to leave his/her place of residence except with the aid of supportive devices, the use of special transportation or the assistance of another person, or if s/he has a condition which is such that leaving his/her home or traveling to obtain the needed healthcare is medically contraindicated. A *[recipient]* participant will not need to be bedridden in order to meet this requirement. Further, a *[recipient]* participant may be considered homebound even if s/he occasionally leaves home for nonmedical purposes, as long as these absences are infrequent, or relatively short duration, and do not indicate that the *[recipient]* participant has the capacity to obtain the needed care on an outpatient basis in a physician's office, outpatient clinic, or other health-care facility. In addition, children at serious risk of early developmental delay due to low birth weight or lack of normal expected physiological development, for whom a vigilant and responsive family environment is critical for treatment, will be considered homebound when the skilled intervention of a nurse is required on-site to create and sustain this environment. This nursing care must otherwise meet the requirements of this rule and must not duplicate services which could effectively be provided in a physician's office or clinic.

(4) Services included in *[Medicaid]* MO HealthNet home health coverage are those set forth in paragraph (1)(A)1. or subparagraph (1)(A)2.B. and, in addition, the intermittent services of a home health aide and the provision of nonroutine supplies identified as specific and necessary to the delivery of a *[recipient's]* participant's nursing care and prescribed in the plan of care. These additional services are covered only if all the conditions of subsections (1)(A)–(D) are met. Necessary items of durable medical equipment prescribed by the physician as a part of the home health service are available to *[recipients]* participants of home health services through *[Medicaid]* MO HealthNet subject to the limitations of amount, duration, and scope where applicable. The home health agency must coordinate with the durable medical equipment provider to ensure the durable medical equipment provider has a copy of the home health plan of care for provision of the durable medical equipment prescribed.

(5) The services of a home health aide must be needed concurrently with skilled nursing or physical, occupational, or speech therapy services which meet the requirements in subsections (1)(A)–(D). The services of the aide must be reasonable and necessary to maintain the *[recipient]* participant at home and there must be no other person available who could and would perform the services. The duties of the aide shall include the performance of procedures such as, but not limited to, the extension of covered therapy services, personal care, ambulation, and exercise and certain household services essential to health care. The services of the aide must be supervised by a registered nurse or other appropriate professional staff member, whose visits will not be separately reimbursed unless a covered skilled nursing or therapy service as prescribed on the plan of care[,] is performed concurrently.

(6) The unit of service for both professional and home health aide services is a visit. A visit is a personal contact for a period of time, not to exceed three (3) continuous hours, in the patient's place of res-

idence, made for the purpose of providing one (1) or more covered home health services. The combined total of all skilled nurse and home health aide visits reimbursed on behalf of a *[Medicaid recipient]* MO HealthNet participant may not exceed one hundred (100) visits per calendar year.

(A) Where two (2) or more staff are visiting concurrently to provide a single type of service, or where one (1) staff provides more than one (1) type of service or where one (1) staff is present in the home only to supervise another, only one (1) visit is reimbursable by *[Missouri Medicaid]* MO HealthNet.

(B) Unless the plan of care documents a specific need for more than one (1) visit per day, *[Medicaid]* MO HealthNet will reimburse only one (1) visit per day for each of the following: skilled nurse, home health aide, physical therapist, occupational therapist, or speech therapist.

(C) When more than one (1) visit per day is medically required and documented by the plan of care, each single visit will be counted toward the combined total limit of one hundred (100). Documentation submitted with a claim supporting extended daily visits, multiple visits per day, or both does not override the one hundred (100) visit per calendar year limitation. For example: A patient requires a visit for a procedure that takes one (1) hour in the morning and requires another visit for a procedure that takes one (1) hour in the afternoon. Each visit may be reimbursed, but two (2) visits will be counted toward that *[recipient's]* participant's total home health visits for that year.

(7) To be reimbursed by *[Medicaid]* MO HealthNet, all home health services and supplies must be provided in accordance with a written plan of care authorized by the *[recipient's]* participant's physician. The criteria for the development of the written plan of care and changes to the written plan of care through interim order(s) are described in Sections 13.14C, 13.14D, 14.2, 14.3, 14.4, and 14.5 of the home health provider manual, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, *[Division of Medical Services]* MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109, at its website at www.dss.mo.gov/dms, July 1, 2006/ www.dss.mo.gov/mhd, September 15, 2009. This rule does not incorporate any subsequent amendments or additions. Paper copies of plans of care and interim orders must be submitted with paper claims. If the claim is submitted electronically the plan of care and interim order(s) must be submitted as an electronic attachment through the claim. Information from the plan of care and interim order(s) must be included in the appropriate data fields when the provider is submitting an electronic claim. Plans of care and interim order(s) are to be maintained in the client record.

(8) Skilled therapy services will be considered reasonable and necessary for treatment if the conditions of paragraphs (8)(A)1.–4. are met.

(A) The services—

1. Must be consistent with the nature and severity of the illness or injury[,] and the *[recipient's]* participant's particular medical needs;

2. Must be considered, under accepted standards of medical practice, to be specific and effective treatment for the patient's condition;

3. Must be provided with the expectation of good potential for rehabilitation, based on assessment made by the *[recipient's]* participant's physician; and

4. Are necessary for the establishment of a safe and effective maintenance program, or for teaching and training a caregiver.

(B) Therapy services may be delivered for one (1) certification period (up to sixty-two (62) days), if services are initiated within sixty (60) days of onset of the condition or within sixty (60) days from date of discharge from the hospital, if the *[recipient]* participant was hospitalized for the condition. Prior authorization to continue therapy services beyond the initial certification period may be

requested by the home health provider. Prior authorization requests will be reviewed by the [Division of Medical Services] **MO HealthNet Division**, and approval or denial of the continuation of services will be based on the following criteria[.]:

1. The service must be consistent with the nature and severity of the illness or injury and the [recipient's] participant's particular medical needs;

2. The services are considered, under accepted standards of medical practice, to be specific and effective treatment for the patient's condition;

3. The services must be provided with the expectation, based on the assessment made by the attending physician of the [recipient's] participant's condition will improve materially in a reasonable and generally predictable period of time, or are necessary to the establishment of a safe and effective maintenance program; and

4. The [recipient] participant continues to be medically homebound as defined in section (3) of this rule.

AUTHORITY: sections 208.152, [RSMo Supp. 2005 and] 208.153, and 208.201, RSMo [2000] Supp. 2008. This rule was previously filed as 13 CSR 40-81.056. Original rule filed April 14, 1982, effective July 11, 1982. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES **Division 70—[Division of Medical Services]** **MO HealthNet Division** **Chapter 90—Home Health Program**

PROPOSED AMENDMENT

13 CSR 70-90.020 Home Health-Care Services Reimbursement. The division is amending the purpose statement and section (1).

PURPOSE: This amendment changes the name of Missouri's medical assistance program to MO HealthNet, updates the agency responsible for determining the maximum allowable fee for service, and adds the website address for the fee schedule.

PURPOSE: This rule establishes the methodology where a [Medicaid] MO HealthNet maximum allowable fee for service is determined on an annual basis by the [Division of Family Services] MO HealthNet Division.

(1) Reimbursement. [Title XIX Medicaid] MO HealthNet reimbursement for covered home health services provided to eligible individuals shall be made at the lower of—

(C) The [Medicaid] MO HealthNet maximum allowable fee for service. The fee schedule is available at www.dss.mo.gov/mhd/pro-

[viders/index.htm](#).

AUTHORITY: sections 207.020, RSMo [Supp. 1993,] 2000 and sections 208.152, [RSMo Supp. 1992,] 208.153, [RSMo Supp. 1991] and 208.201, RSMo Supp. [1987] 2008. This rule was previously filed as 13 CSR 40-81.057. Original rule filed May 11, 1984, effective Aug. 11, 1984. Amended: Filed Dec. 18, 1991, effective Aug. 6, 1992. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the Missouri Register. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.

Title 13—DEPARTMENT OF SOCIAL SERVICES **Division 70—MO HealthNet Division** **Chapter 95—Private Duty Nursing Care Under the** **Healthy Children and Youth Program**

PROPOSED AMENDMENT

13 CSR 70-95.010 Private Duty Nursing. The division is amending section (10).

PURPOSE: This amendment updates incorporated by reference material.

(10) MO HealthNet Private Duty Nursing Provider Manual. A private duty nursing provider manual shall be produced by the MO HealthNet Division and shall be distributed to all private duty nursing providers participating in the Missouri MO HealthNet Program at its website at www.dss.mo.gov/mhd. The MO HealthNet Private Duty Nursing Provider Manual and bulletins, which are incorporated by reference and made a part of this rule as published by the Department of Social Services, 615 Howerton Court, Jefferson City, MO 65109, at its website at www.dss.mo.gov/mhd, [January 16, 2008] **September 15, 2009**, shall contain information about MO HealthNet eligibility, third party liability, procedures for requesting prior authorization, claim filing instructions, instructions for filing adjustments, reimbursement methodology and current MO HealthNet maximum rates of reimbursement for services, benefits and limitations of services, and other applicable information about the program. This rule does not incorporate any subsequent amendments or additions.

AUTHORITY: sections 208.152, 208.153, and 208.201, RSMo Supp. [2007] 2008. Original rule filed Sept. 2, 1993, effective April 9, 1994. For intervening history, please consult the Code of State Regulations. Amended: Filed Aug. 17, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, MO HealthNet Division, 615 Howerton Court, Jefferson City, MO 65109. To be considered, comments must be delivered by regular mail, express or overnight mail, in person, or by courier within thirty (30) days after publication of this notice in the **Missouri Register**. If to be hand-delivered, comments must be brought to the MO HealthNet Division at 615 Howerton Court, Jefferson City, Missouri. No public hearing is scheduled.*

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**

**Division 2150—State Board of Registration for the
Healing Arts
Chapter 5—General Rules**

PROPOSED AMENDMENT

20 CSR 2150-5.020 Nonpharmacy Dispensing. The board is proposing to amend section (2).

PURPOSE: This amendment clarifies the level of supervision required for personnel employed to assist with the dispensing of drugs and devices and removes the current violation for a physician to allow dispensing of medication while he/she is not present.

(2) Physicians must provide appropriate[, *direct*] supervision to personnel employed to assist in the dispensing of drugs and devices from the physician's office. *[It]*

(A) When the dispensing personnel is either a licensed physician assistant acting within the scope of a supervision agreement or licensed nurse acting within the scope of a collaborative practice arrangement, the physician is not required to be present.

(B) In all other instances, it shall be a violation of this rule for any physician to permit the dispensing of medication from his/her clinic or office when that physician is not present unless another physician duly licensed under the provisions of Chapter 334, RSMo, is present.

AUTHORITY: section 334.125, RSMo [1986] 2000. This rule originally filed as 4 CSR 150-5.020. Original rule filed May 11, 1984, effective Sept. 14, 1984. Moved to 20 CSR 2150-5.020, effective Aug. 28, 2006. Amended: Filed Aug. 14, 2009.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Healing Arts, Tina Steinman, Executive Director, PO Box 4, Jefferson City, MO 65102, by faxing comments to (573) 751-3166, or by emailing comments to healingarts@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.*

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order of rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted which has been changed from that contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments which are opposed in whole or in part to the proposed rule. The ninety (90)-day period during which an agency shall file its order of rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the proposed rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

Title 3—DEPARTMENT OF CONSERVATION Division 10—Conservation Commission Chapter 7—Wildlife Code: Hunting: Seasons, Methods, Limits

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-7.440 is amended.

This amendment establishes hunting seasons and limits and is excepted by section 536.021, RSMo Supp. 2008, from the requirement of filing as a proposed amendment.

The Department of Conservation amended 3 CSR 10-7.440 by establishing seasons and limits for hunting migratory waterfowl during the 2009–2010 seasons.

3 CSR 10-7.440 Migratory Game Birds and Waterfowl: Seasons, Limits

PURPOSE: The Department of Conservation is authorized to select waterfowl hunting season dates and bag limits within frameworks established by the U.S. Fish and Wildlife Service. The seasons and limits selected are intended to provide optimum hunting opportunity consistent with the welfare of the species.

(3) Seasons and limits are as follows:

(F) Ducks and coots may be taken from one-half (1/2) hour before

sunrise to sunset from October 31, 2009, through December 29, 2009, in the North Zone (that portion of Missouri north of a line running west from the Illinois border at Lock and Dam 25; west on Lincoln County Hwy. N to Mo. Hwy. 79; south on Mo. Hwy. 79 to Mo. Hwy. 47; west on Mo. Hwy. 47 to Interstate Hwy. 70; west on Interstate Hwy. 70 to the Kansas border); from November 26, 2009, through January 24, 2010, in the South Zone (that portion of the state south of a line running west from the Illinois border on Mo. Hwy. 34 to Interstate Hwy. 55; south on Interstate Hwy. 55 to U.S. Hwy. 62; west on U.S. Hwy. 62 to Mo. Hwy. 53; north on Mo. Hwy. 53 to Mo. Hwy. 51; north on Mo. Hwy. 51 to U.S. Hwy. 60; west on U.S. Hwy. 60 to Mo. Hwy. 21; north on Mo. Hwy. 21 to Mo. Hwy. 72; west on Mo. Hwy. 72 to Mo. Hwy. 32; west on Mo. Hwy. 32 to U.S. Hwy. 65; north on U.S. Hwy. 65 to U.S. Hwy. 54; west on U.S. Hwy. 54 to the Kansas border); and from November 7, 2009, through January 5, 2010, in the Middle Zone (remainder of Missouri). Ducks and coots may be taken by youth hunters fifteen (15) years of age or younger from one-half (1/2) hour before sunrise to sunset from October 24, 2009, through October 25, 2009, in the North Zone, from October 31, 2009, through November 1, 2009, in the Middle Zone and from November 21, 2009, through November 22, 2009, in the South Zone. Any person fifteen (15) years of age or younger may participate in the youth waterfowl hunting days without permit provided they are in the immediate presence of an adult eighteen (18) years of age or older. If the youth hunter does not possess a hunter education certificate card, the adult must be properly licensed (i.e., must meet any permit requirements that allows small game hunting) and have in his/her possession a valid hunter education certificate card unless they were born before January 1, 1967. The adult may not hunt ducks but may participate in other seasons that are open on the special youth days. Limits are as follows:

1. Coots—Fifteen (15) daily; thirty (30) in possession.

2. Ducks—The daily bag limit of ducks is six (6) and may include no more than four (4) mallards (no more than two (2) of which may be female), two (2) scaup, three (3) wood ducks, one (1) mottled duck, one (1) canvasback, one (1) black duck, two (2) redheads, two (2) hooded mergansers, and one (1) pintail. The possession limit is twelve (12), including no more than eight (8) mallards (no more than four (4) of which may be female), four (4) scaup, six (6) wood ducks, two (2) mottled ducks, two (2) canvasbacks, two (2) black ducks, four (4) redheads, four (4) hooded mergansers, and two (2) pintails.

(G) Geese may be taken from one-half (1/2) hour before sunrise to sunset as follows:

1. Blue, snow, and Ross's geese may be taken from October 31, 2009, through January 31, 2010, statewide.

2. White-fronted geese may be taken from November 26, 2009, through January 31, 2010, statewide.

3. Canada geese and brant may be taken from September 26, 2009, through October 7, 2009, and November 26, 2009, through January 31, 2010, statewide.

4. The daily bag limit is twenty (20) blue, snow, or Ross's geese, one (1) brant, and two (2) white-fronted geese, statewide. The possession limit for brant is two (2) and for white-fronted geese is four (4), and there is no possession limit for blue, snow, and Ross's geese.

5. The daily bag limit is three (3) Canada geese from September 26, 2009, through October 7, 2009, and two (2) Canada geese thereafter. The possession limit is six (6) Canada geese from September 26, 2009, through October 7, 2009, and four (4) Canada geese thereafter.

6. Geese and brant may be taken by youth hunters in the North Zone from October 24, 2009, through October 25, 2009, in the Middle Zone from October 31, 2009, through November 1, 2009, and in the South Zone from November 21, 2009, through November 22, 2009. Any person fifteen (15) years of age or younger may participate in the youth waterfowl hunting days without permit provided

they are in the immediate presence of an adult eighteen (18) years of age or older. If the youth hunter does not possess a hunter education certificate card, the adult must be properly licensed (i.e., must meet any permit requirements that allows small game hunting) and have in his/her possession a valid hunter education certificate card unless they were born before January 1, 1967. The adult may not hunt ducks but may participate in other seasons that are open on the special youth days. The daily bag limit is twenty (20) blue, snow, and Ross's geese, two (2) white-fronted geese, one (1) brant, and two (2) Canada geese. The possession limit for brant is two (2), for white-fronted geese is four (4), and for Canada geese is four (4), and there is no possession limit for blue, snow, and Ross's geese.

7. Zones: The North Zone shall be that portion of the state north of a line running west from the Illinois border at Lock and Dam 25; west on Lincoln County Hwy. N to Mo. Hwy. 79; south on Mo. Hwy. 79 to Mo. Hwy. 47; west on Mo. Hwy. 47 to Interstate Hwy. 70; west on Interstate Hwy. 70 to the Kansas border. The South Zone shall be that portion of Missouri south of a line running west from the Illinois border on Mo. Hwy. 34 to Interstate Hwy. 55; south on Interstate Hwy. 55 to U.S. Hwy. 62; west on U.S. Hwy. 62 to Mo. Hwy. 53; north on Mo. Hwy. 53 to Mo. Hwy. 51; north on Mo. Hwy. 51 to U.S. Hwy. 60; west on U.S. Hwy. 60 to Mo. Hwy. 21; north on Mo. Hwy. 21 to Mo. Hwy. 72; west on Mo. Hwy. 72 to Mo. Hwy. 32; west on Mo. Hwy. 32 to U.S. Hwy. 65; north on U.S. Hwy. 65 to U.S. Hwy. 54; west on U.S. Hwy. 54 to the Kansas border. The Middle Zone shall be the remainder of Missouri.

(I) The hunting season for blue, snow, and Ross's geese closes on January 31, 2010, in order to implement a light goose Conservation Order.

1. Persons who possess a valid Conservation Order permit may chase, pursue, and take blue, snow, and Ross's geese between the hours of one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset from February 1, 2010, through April 30, 2010. Any other regulation notwithstanding, methods for the taking of blue, snow, and Ross's geese include using shotguns capable of holding more than three (3) shells, and with the use or aid of recorded or electrically amplified bird calls or sounds, or recorded or electrically amplified imitations of bird calls or sounds. An exception to the above permit requirement includes any person fifteen (15) years of age or younger, provided either 1) s/he is in the immediate presence of a properly licensed adult (must possess a Conservation Order Permit) who is eighteen (18) years of age or older and has in his/her possession a valid hunter education certificate card, or was born before January 1, 1967, or 2) s/he possesses a valid hunter education certificate card. A daily bag limit will not be in effect February 1, 2010, through April 30, 2010.

SUMMARY OF PUBLIC COMMENT: Seasons and limits are excepted from the requirement of filing as a proposed amendment under section 536.021, RSMo.

This amendment filed August 14, 2009, effective **September 1, 2009**.

Title 3—DEPARTMENT OF CONSERVATION
Division 10—Conservation Commission
Chapter 9—Wildlife Code: Confined Wildlife:
Privileges, Permits, Standards

ORDER OF RULEMAKING

By the authority vested in the Conservation Commission under sections 40 and 45 of Art. IV, Mo. Const., the commission amends a rule as follows:

3 CSR 10-9.442 is amended.

This amendment establishes hunting seasons and limits and is excepted by section 536.021, RSMo Supp. 2008, from the requirement of

filing as a proposed amendment.

The Department of Conservation amended 3 CSR 10-9.442 by establishing seasons and limits for hunting migratory waterfowl during the 2009–2010 seasons.

3 CSR 10-9.442 Falconry

PURPOSE: This rule establishes provisions for hunting with birds of prey.

(2) Only designated types and numbers of birds of prey may be possessed, and all these birds shall bear a numbered, non-reusable marker provided by the department. Birds held under a falconry permit may be used, without further permit, to pursue and take wildlife within the following seasons and bag limits:

(E) Ducks, mergansers, and coots may be taken from sunrise to sunset from September 12, 2009, through September 27, 2009, statewide, and from one-half (1/2) hour before sunrise to sunset as follows: in the North Zone, October 24, 2009, through October 25, 2009, October 31, 2009, through December 29, 2009, and February 10, 2010, through March 10, 2010; in the Middle Zone, October 31, 2009, through November 1, 2009, November 7, 2009, through January 5, 2010, and February 10, 2010, through March 10, 2010; and, in the South Zone, November 21, 2009, through November 22, 2009, November 26, 2009, through January 24, 2010, and February 10, 2010, through March 10, 2010. Daily limit: three (3) birds singly or in the aggregate, including doves; possession limit: six (6) birds singly or in the aggregate, including doves.

SUMMARY OF PUBLIC COMMENT: Seasons and limits are excepted from the requirement of filing as a proposed amendment under section 536.021, RSMo.

This amendment filed August 14, 2009, effective **September 1, 2009**.

Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Division 30—Division of Administrative and Financial Services
Chapter 4—General Administration

ORDER OF RULEMAKING

By the authority vested in the State Board of Education under sections 160.405 and 161.092, RSMo Supp. 2008, and sections 165.121, 167.201, and 178.430, RSMo 2000, the board rescinds a rule as follows:

5 CSR 30-4.030 Audit Policy and Requirements is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on May 15, 2009 (34 MoReg 1177–1178). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Division 30—Division of Administrative and Financial Services
Chapter 4—General Administration

ORDER OF RULEMAKING

By the authority vested in the State Board of Education under sections 160.405 and 161.092, RSMo Supp. 2008 and sections 165.121, 167.201, and 178.430, RSMo 2000, the board adopts a rule as follows:

5 CSR 30-4.030 is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on May 15, 2009 (34 MoReg 1178-1181). Those sections with changes are reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The State Board of Education received comments from one (1) superintendent, one (1) chief financial officer, and one (1) department employee on the proposed rule.

COMMENT #1: One (1) comment was received regarding component units. If the issue is that districts are supposed to be reporting something that is already required, it should be enforced. There should not be a new rule for something that already exists.

RESPONSE: The State Board of Education has considered this comment and has decided to make no change to the rule as a result of this comment.

COMMENT #2: One (1) comment was received regarding additional cost of audits. There was discussion last year with the school audit committee when the Department of Elementary and Secondary Education (DESE) decided to make some significant changes to the schedule of selected statistics. Some of the firms indicated the more time they are required to spend on the schedule, the more the audit will cost. Therefore, after reviewing the proposed change, I would suggest adding a one and one-half to two (1.5-2)-year lead time requirement for any changes to the schedule of selected statistics, so auditors can include any perceived additional cost in their proposals. This proposed audit rule seems to give DESE more authority to compel additional audit work "at will" just by changing the schedule of selected statistics.

RESPONSE: The State Board of Education has considered this comment and has decided to make no change to the rule as a result of this comment.

COMMENT #3: After an internal review, it was determined that needed language was inadvertently left out of section (4) regarding single entity reports for charter school audits.

RESPONSE AND EXPLANATION OF CHANGE: The State Board of Education has considered this comment and the language pertaining to charter school audits has been included in paragraph (4)(A)3.

5 CSR 30-4.030 Audit Policy and Requirements

(4) The board's responsibilities are as follows:

(A) Each board is responsible for defining an appropriate scope of the audit.

1. At a minimum, the audit must include the school's:

A. General, Special Revenue, Debt Service, and Capital Projects funds;

B. Fiduciary funds;

C. Proprietary funds; and

D. Component units (unless a component unit issues its own audited financial statements).

2. A Single Audit of federal funds expended by the school may be required. State law provides for the acceptance of federal acts and funds and for their necessary administration and supervision. Audit requirements are a part of federal acts and the implementing regulations adopted by the administering federal agencies. The requirements of the Single Audit Act, as amended by *The Single Audit Act Amendments of 1996*, 62 Fed. Reg. 35278-35319 (1997), Office of

Management and Budget (OMB) Circular A-133, which is incorporated by reference and made a part of this rule as published by the Office of the Federal Register, Office of Administration and is available by contacting the Office of Administration, Publications Office, Room 2200, New Executive Office Building, Washington, DC 20503, and *Government Auditing Standards*, July 2007 Revision, issued by the Comptroller General of the United States, which is incorporated by reference and made a part of this rule as published by the U.S. Government Accountability Office, 441 G St. NW, Washington, DC 20548, are included in this audit policy. This rule does not incorporate any subsequent amendments or additions. Specific application of these requirements shall be as follows:

A. All schools that expend a total amount of federal awards equal to or in excess of the amount specified in OMB Circular A-133 as the Single Audit threshold or such other amount specified by the federal director of the OMB in any fiscal year shall either have a single audit or a program-specific audit made for such fiscal year in accordance with the requirements of *The Single Audit Act Amendments of 1996*, OMB Circular A-133 and the *Government Auditing Standards*; or

B. All schools that expend a total amount of federal awards of less than the amount specified in OMB Circular A-133 as the Single Audit threshold or such other amount specified by the director of the OMB in any fiscal year shall be exempt for such fiscal year from compliance with *The Single Audit Act Amendments of 1996*. However, these schools shall be required to have an audit performed in accordance with *Government Auditing Standards*.

3. All charter school audits shall be single entity reports completed on a July 1 to June 30 basis.

4. Schools that cease operations are not exempt from the audit requirements. A final audit of the school's activities through the date it ceases operations must be performed and submitted to DESE as otherwise described in this rule;

Title 10—DEPARTMENT OF NATURAL RESOURCES Division 20—Clean Water Commission Chapter 6—Permits

ORDER OF RULEMAKING

By the authority vested in the Clean Water Commission under section 644.026, RSMo 2000, the commission amends a rule as follows:

10 CSR 20-6.200 Storm Water Regulations is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 2, 2009 (34 MoReg 377-379). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 6, 2009, and the public comment period ended May 13, 2009. At the hearing, the Water Protection Branch presented the proposed amendment, and several comments were made by Boone County.

COMMENT #1: Boone County (Karen Miller, District I Commissioner) commented that because Boone County is a non-charter county, they only have authority that is specifically granted by the legislature, and this rule amendment may prohibit Boone County from adopting a county-wide storm water management program.

RESPONSE: Section 64.241, RSMo, provides broad authority to non-charter first class counties to prepare and adopt regulations governing the subdivision of land in unincorporated areas to provide for

proper street grading and paving, drainage or utility easements, and other utilities that are necessary to protect public health and the general welfare of the citizens. It is the department's understanding that nothing in the proposed amendment prohibits Boone County from exercising this broad authority. The Missouri Department of Natural Resources' Water Protection Branch is in the process of developing a site-specific permit to Boone County which will provide Boone County with an option to be applicable on a county-wide basis. No changes have been made to the proposed amendment as a result of this comment.

COMMENT #2: Boone County commented that the use of federally defined Urbanized Areas (UAs) are ill suited for the purpose of defining a Municipal Separate Storm Sewer System (MS4). The UA is a statistical subdivision and has no relation to storm water management environmental concerns. In Boone County, the UA excludes large undeveloped areas, but the county has over fifty (50) square miles of land, outside of the Columbia and Centralia UAs that are zoned for urban density development. Under the proposed amendment, Boone County would not be able to implement its storm water management plan until they are populated to the point that they are included in the UA by the Census Bureau.

RESPONSE: The proposed amendment mirrors the federal language that mandates an MS4 for all Urbanized Areas. This is the minimum requirement, and counties may choose to request an extension of coverage to areas outside the UA. Under the federal regulation (40 CFR 122.26(f)(4)), any person may petition the permitting authority for the designation of an MS4. Subparagraph (1)(C)24.B. of the rule is Missouri's provision for this petition. Subparagraph (1)(C)24.B. requires a determination by the department that discharges from the proposed MS4 area have caused or have the potential to cause adverse water quality impacts. In addition to the fact that there are impaired waters that may be impacted by ongoing development in Boone County (outside the UA), the arguments about the potential water quality impacts from future development presented by Boone County would easily justify a request by Boone County to extend coverage of the MS4 to perhaps the entire county. The department would encourage all counties to examine the appropriate comprehensive approach to storm water management that may address areas outside the federal minimum. No changes were made to the proposed amendment as a result of this comment.

COMMENT #3: Boone County commented that there are a number of problems associated with using a minimum population density factor to define an MS4. It is estimated that two hundred eleven (211) census blocks within Boone County are outside the UA, but have population densities that exceed one thousand (1,000) people per square mile. In addition, Boone County estimates that there are twenty-seven (27) subdivisions that may exceed this density as well. As proposed, the regulation would apply to these "pockets" and there would likely be situations where a regulated area adjoins a non-regulated area, both of which drain to the same watershed. Also, the proposed language does not make it clear at what level the density criteria will be enforced. At this point, data from the 2000 census is old. Would each MS4 be required to complete a "block-level" census count to determine if the area falls under the regulation? If applied at the census block level, Boone County will have two hundred thirty-eight (238) individual areas where storm water regulations will apply. This is a fractured and unworkable approach and may promote urban sprawl.

RESPONSE: The proposed regulation mirrors the federal regulatory language. The department would evaluate areas and densities based on the most recent census. Boone County makes a reasoned case to regulate storm water on a basis that has a broader geography than the census block level. A mechanism for extending MS4 coverage currently exists in subparagraph (1)(C)24.B. of the rule. No changes were made to the proposed amendment as a result of this comment.

COMMENT #4: The federal and state permit requires the MS4 to develop a funding source. In the case of Boone County, this will require a vote of the county taxpayers. It will be difficult to market the need for a storm water utility to rural residents, and there will be no support if the utility only covers the small portion of the county that would be regulated under the proposed amendment.

RESPONSE: This appears to be another reason to regulate storm water over a broader geography and why we would encourage MS4 permit holders to evaluate the option of preparing a petition to extend coverage. No changes were made to the proposed amendment as a result of this comment.

COMMENT #5: Boone County commented that both Hinkson Creek and Grindstone Creek are listed as impaired and have Total Maximum Daily Limits (TMDLs). A watershed approach would be an effective way to deal with these impairments. How can the county prevent additional impacts to these waters if the future development is outside an MS4 jurisdiction? Boone County has proposed ordinances that set stringent requirements in these impaired watersheds to prevent further degradation. The county may be restricted from applying these ordinances if the state definition is amended as proposed.

RESPONSE: A county-wide or watershed approach may be a good mechanism for extending protections to these impaired waters. Part of the TMDL development process is to establish load allocations for non-point sources like storm water. In many cases, the load allocation goals are planned to be met by voluntary means. For counties, such as Boone County, that believe a county-wide or watershed storm water management program will help address specific impaired waters, subparagraph (1)(C)24.B. of this rule provides a mechanism for counties to request broader geographic coverage. No changes were made to the proposed amendment as a result of this comment.

COMMENT #6: Population densities change, and under the proposed amendment, the boundaries of the MS4 could change with time. The Clean Water Commission is vested with the authority to define these boundaries, and this would create a non-delegation problem.

RESPONSE: The most recent census would be used to establish the MS4 boundaries. The Clean Water Commission has the authority to adopt rules, such as this proposed amendment, which would align the state regulation with the federal rules. No changes were made to the proposed amendment as a result of this comment.

COMMENT #7: The Department of Natural Resources often cites the principle of anti-backsliding in its administration of the small MS4 program. The proposed amendment is a relaxation of the regulations. A letter from former Director Childers (June 20, 2006) stated that the rule applied to the whole of Boone County, while the amendment would reduce the applicability to only portions of the county.

RESPONSE: The original rulemaking neglected to include the population density outside of urbanized areas as stated in the federal rules. As a matter of practice, the department administered the storm water regulations based on the federal requirements. The intent of the amendment is to correct the rule and to align it with the federal requirements. No changes were made to the proposed amendment as a result of this comment.

COMMENT #8: Boone County understands that the purpose of the proposed amendment is to reduce the number of small, rural counties that are required to develop storm water management programs. Boone County recommends that the definition of regulated MS4 be changed by simply raising the applicable population from ten thousand (10,000) people to a higher figure. One option would be to make the regulation apply only to all first class counties that serve a population of more than thirty thousand (30,000) people. This would allow Boone County to maintain their existing programs and still

relieve smaller counties from this requirement. This would be clear and unambiguous.

RESPONSE: The primary purpose of the amendment is to align the state rule with the federal regulations and to introduce a different population threshold would make the regulation very different from the federal requirements. There are other ways to capture Boone County's needed areas of regulation without retaining this error in the definition. Even then, it is common for regulated MS4s to apply their local regulations jurisdiction wide in order to address the dynamic boundary changes. No changes were made to the proposed amendment as a result of this comment.

Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 20—Clean Water Commission
Chapter 7—Water Quality

ORDER OF RULEMAKING

By the authority vested in the Clean Water Commission under section 644.026.1, RSMo 2000, the commission amends a rule as follows:

10 CSR 20-7.031 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 2, 2009 (34 MoReg 379-526). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The department received fifty-two (52) comments from the following fourteen (14) sources: Missouri Public Utility Alliance (MPUA); City of Independence, Missouri; U.S. Environmental Protection Agency-Region 7 (EPA); MEC Water Resources, Inc., (MEC); Missouri Coalition for the Environment (MCE); St. Louis Metropolitan Sewer District (MSD); Grace Hill Settlement House; River des Peres Watershed Coalition (RDPWC); City of Blue Springs, Missouri; Citizens Legal Environmental Action Network (CLEAN); Missouri Department of Conservation (MDC), Farmland Foods; City of Milan, Missouri; and Tom Herrmann, Advisor to the Clean Water Commission. Ten (10) of the comments resulted in further changes to the proposed amendment.

Table A—Revised Criteria for Copper and Zinc

COMMENT #1: MPUA, City of Independence—The MPUA and City of Independence support the proposed revision of the copper and zinc criteria.

RESPONSE: The Department of Natural Resources (the department) appreciates and acknowledges the support. No changes in the proposed revisions were made in response to these comments.

COMMENT #2: EPA—The proposed revisions to the copper and zinc criteria are consistent with EPA's 304(a) criteria recommendations.

RESPONSE: No changes in the proposed revisions were made in response to this comment.

COMMENT #3: MEC, MPUA—The department should propose to include the use of the "Biotic Ligand Model" (BLM) as an additional method of calculating copper criteria. Suggested rule language was provided in these comments. This procedure-based criteria would allow the department to apply the BLM in deriving site-specific criteria without the need for rulemaking.

RESPONSE: 10 CSR 20-7.031(4) allows for alternative site-specific criteria for the protection of designated uses and, in particular, aquatic life use. The derivation of a site-specific criterion must be based on defensible scientific procedures, including but not limited to,

those procedures described in the U.S. Environmental Protection Agency's *Water Quality Standards Handbook*, Second Edition, August 1994. In particular, subsection (4)(R) of the rule describes the requirements to petition for site-specific criteria without limiting the petitioner to employing a particular procedure or model such as Species Recalculation, Water Effect Ratio, or BLM.

Paragraph (4)(B)2. of the rule encourages petitioners for site-specific criteria to coordinate with the department early in the process. Therefore, a new provision for the use of BLM to develop site-specific criteria for copper is not necessary for the department to accept a petition. Therefore, it would not seem necessary for the department to include a new provision at this stage in the rulemaking. However, the department is willing to explore the advantages of a new provision during the next triennial review of the water quality standards in order to expedite future requests for site-specific criteria. No changes in the proposed revisions were made in response to this comment.

Table A—Bacteria Criteria

COMMENT #4: MCE—Missouri's criteria for pathogens (bacteria) should include a single sample maximum.

RESPONSE: The department recognizes that many states include a single sample maximum (SSM) in their water quality standards and that EPA in the 2004 Beach Act rule has provided states with non-coastal recreational waters flexibility in the use of the SSM in the administration of their Clean Water Act program. In their August 2006 fact sheet entitled, "Using Single Sample Maximum Values in State Water Quality Standards," EPA clarified their position on the use of SSM. EPA indicates, "it expected that the single sample maximum values would be used for making beach notification and closure decisions. EPA recognized, however, that states and territories also use criteria in their water quality standards for other purposes under the Clean Water Act in order to protect and improve water quality. Other than in the beach notification and closure decision context, the geometric mean is the more relevant value for ensuring that appropriate actions are taken to protect and improve water quality. The geometric mean is generally more relevant because it is usually a more reliable measure of long-term water quality, being less subject to random variation, and more directly linked to the underlying studies upon which the 1986 bacteria criteria were based. States, however, retain the discretion to determine whether and how to use the SSM in other Clean Water Act programs." The department believes the use of the recreational season geometric mean for *E. coli* is the most reliable tool to assess water quality as it relates to attainment of its designated beneficial use.

The department would also like to acknowledge that EPA is currently developing a new indicator bacteria criteria and is scheduled to have that work completed by 2012. The department intends to monitor and evaluate this criteria development and intends to have further discussion with the public on adoption of any new indicator bacteria and criteria in its triennial review also scheduled for 2012.

COMMENT #5: MCE—Missouri's criteria for pathogens (bacteria) should include a numeric threshold to protect year-round recreation uses.

RESPONSE: The department recognizes that many states have pathogen criteria to protect year-round recreation use. The year-round criteria may provide significant health protection where water contact occurs and the potential risk for increased exposure to pathogens may be significant between late fall and early spring provided that whole body contact recreation (WBCR) is occurring in the water body during those time periods. The use of year-round criteria has merit in providing a better set of standards upon which to achieve a more comprehensive assessment of a water body's capability to attain safe recreation use; however, it would require a change to the definition of the recreational season in 10 CSR 20-7.031(4)(C). The department currently has no evidence that WBCR

is occurring in Missouri's waters before April 1 or after October 31. The department intends to have further discussion with the public regarding whether year-round pathogen criteria is needed, and if so, how to implement the criteria effectively. This issue will be discussed in the next triennial review of the water quality standards due for completion in 2012. No changes in the proposed revisions were made in response to this comment.

COMMENT #6: MCE—Missouri's criteria for pathogens (bacteria) does not sufficiently recognize existing uses that would benefit from protection under the Category A WBCR (WBCR-A) use designation and criteria. The criteria should include only one (1) numeric threshold (126 cfu/100mL) for WBCR-A which would dismiss the need for making a distinction between existing and attainable uses.

RESPONSE: EPA guidance recognizes the different pathogen exposure levels and the different levels of health risk resulting from differing levels of water contact. The guidance sets forth a series of numeric thresholds that would be fully protective of public health based on the level of contact experienced while engaging in different types of water recreation, i.e. swimming, boating, or wading. The department uses the distinction between existing and attainable uses to define the levels of water contact and the potential pathogen exposure in various streams. The purpose of the distinction is to promote more accurate descriptions of recreation use and the varying levels of pathogen exposure associated with each. These distinctions and tiered use designations promote a more precise application of the EPA guidance. No changes in the proposed revisions were made in response to this comment.

COMMENT #7: City of Independence—The City of Independence supports the revision of the WBCR-B criteria to two hundred six (206) Colony Forming Units (cfu)/100 mL and requests the addition of the following footnote to Table A: "The Clean Water Commission (the commission) has determined that an illness rate of one and four-tenths percent (1.4%) is appropriate protection for Category B WBCR (WBCR-B) waters, but the commission is unable to determine what bacteria concentration would correlate with a one and four-tenths percent (1.4%) risk level." The comment further states that addition of the footnote would help explain why the state is lowering water quality standards in the event that national studies demonstrate that a higher number is protective at the one and four-tenths percent (1.4%) level, and the commission chooses to adopt the higher number.

RESPONSE: The suggested language appropriately reflects the intentions of the department to continue making recommendations to the commission that adhere closely to the federal guidance. With or without the suggested footnote, the department will continue to recommend revisions necessary to ensure the state's criteria remain effectively equivalent to the guidance. However, the department cannot predict what the federal guidance will state in the coming years and some possibility exists that the language in the footnote would conflict with future guidance. Therefore, while the department agrees that the suggested language reflects current policy, it does not recommend the addition of the language on the basis that it is not needed to ensure proper application of the present pathogen standard and may hinder future actions to remain in conformance with federal guidance. No changes in the proposed revisions were made in response to this comment.

Table B2 and B3—Ammonia Criteria

COMMENT #8: EPA—EPA is evaluating recent data on the effects of ammonia on aquatic life, particularly mussels (Grubbs, 2004). Preliminary results of this national consultation indicate a likely revision to the 1999 guidance. Consequently, EPA encourages states to await the conclusion of this process in order to avoid needless expenditure of state resources on multiple revisions of their standards.

RESPONSE AND EXPLANATION OF CHANGE: The department

agrees with this comment and has withdrawn the proposed revisions to the ammonia criteria. The department intends to reopen the rule for appropriate revisions following the conclusion of the consultation process and the reissuance of national guidance.

Tables G, H, and I—Identification of Classified and/or Reference Waters

COMMENT #9: MCE—All waters of the state must be classified and designated for Protection of Aquatic Life and WBCR until such uses are demonstrated to be unattainable by a valid use attainability analysis. This comment provided a statutory analysis of the Clean Water Act, a summary of past discussions with the department on this topic, and information documenting the existence of uses within unclassified waters.

RESPONSE: The department is currently discussing the expansion of classifications to all waters of the state. An ongoing workgroup of stakeholders is assisting the department in developing recommended revisions to the standards regarding this issue. The department encourages anyone interested in this issue to remain in those discussions so that the department can finalize an appropriate recommendation during the next triennial review of the water quality standards due to be effective in 2012. No changes in the proposed revisions were made in response to this comment.

Table H—Changes to the Designation of Whole Body Contact Recreation and Secondary Contact Recreation as a Result of Use Attainability Analyses

COMMENT #10: EPA—EPA provides two (2) listings of waters; the first (Table 2) shows waters for which the department proposes to remove whole body contact recreation (WBCR) use designations, and the second (Table 3) shows waters for which the department proposes to designate a use less stringent than the use recommended by EPA after their analysis of a proposed rule in 2005.

RESPONSE: The department appreciates EPA's review and comments regarding the proposed recreational designated use changes proposed in the draft rule amendment. No changes in the proposed revisions were made in response to this comment.

COMMENT #11: EPA—The department did not consider the *average* depth data from the 2005 and 2006 use attainability analyses. EPA suggests three (3) reasons why *not* using these data may be justifiable; 1) the department instead used data gathered through a more scientifically defensible method, 2) the 2005 and 2006 data may be subject to variable methods of data collection because of the lack of standard methods to guide individual surveyors, and 3) the average depth data is not directly comparable to the revised median depth criterion.

RESPONSE: The department appreciates and agrees with EPA's assessment that average depth data from previous Use Attainability Analyses (UAA) may not be representative of the conditions and, therefore, are not reliable. Consequently, these older data should not be used to formulate recommendations for designated use changes. No changes in the proposed revisions were made in response to this comment.

COMMENT #12: EPA—The department did not consider the maximum depth data gathered during the 2005 and 2006 UAAs. EPA encourages the department to consider these data and to revise the proposed rule accordingly. EPA provides a list (Table 4) of waters in which the 2005 and 2006 data show maximum depths being met and where the proposed rule does not propose a WBCR use.

RESPONSE AND EXPLANATION OF CHANGE: Lack of standard methods for data collection, uncertainty of the methods used, and hydrologic conditions occurring at the time of the 2005 and 2006 UAAs were deciding factors why maximum depth data from these UAAs were not considered. However, upon receiving EPA's comments, the department revisited the 2005 and 2006 UAA data to

determine if changes were appropriate for waters contained in Table 4. If the department was able to verify the method used to collect the maximum depth measurement (i.e. measured, not visual observation) and the data were collected during appropriate conditions (i.e. during base flow and not in a location containing a hydrologic temporal anomaly), the department's recommendations were modified accordingly.

As a result of the department's review of the 2005 and 2006 UAAs for waters listed in Table 4, the following were determined to have depths sufficient to attain the maximum depth criterion required for WBCR (1.0 meter):

Water Body ID	Water Body Name	Class	County
3147	Blue Ditch	C	Scott
0993	Blythes Creek	P	Moniteau & Miller
1301	Bones Branch	C	Bates
0859	Brushy Creek	P	Pettis
0320	Dicks Creek	C	Platte
3094	Ditch #8	C	New Madrid & Stoddard
2980	Lick Creek Ditch	C	Stoddard
1709	Maline Creek	C	St. Louis City & St. Louis
1010	North Fork Grindstone Creek	C	Boone
1648	Quick Creek	C	Montgomery
0860	Sewer Branch	C	Pettis
1687	Trib. to Busch Creek	C	Franklin
2985	Turkey Creek	C	Stoddard

Water body segments determined not to attain the maximum depth criterion for WBCR, and supporting rationale, are as follows:

Birkhead Branch (Water Body ID: 0034): Depth measurements collected in the 2005 UAA appear to be estimated (half or whole foot increments). In addition, no photos were available of the pool where the maximum depth measurement was acquired. Therefore, the department determined that overall depth was not sufficient to warrant the WBCR designation. The department believes the structured, scientific recreational UAA conducted in May 2007 to be representative of baseflow conditions in Birkhead Branch and supports the recommendation to remove WBCR.

Callahan Creek (Water Body ID: 1028): Photographs submitted with the 2006 UAA showed muddy water, flattened water willow in the channel, and mud on still-standing water willow, indicating that the water level in the creek had recently been up and may not yet have returned to base flow levels. Rainfall data from the week preceding the UAA documented 1.91 inches of rainfall in the area. In addition, photos also show downed trees and brush jams in the creek which may or may not have resulted in measurements reflecting existing hydrologic temporal anomalies, which should be avoided. As a result, the 2006 depth results were discounted. The department believes the structured, scientific UAAs conducted in 2007 are representative of conditions in Callahan Creek and support the recommendation to remove WBCR.

Coon Creek (Water Body ID: 0187): Both the 2006 and 2007 UAAs for Coon Creek had substantial amounts of precipitation within the watershed—three and nine-tenths inches (3.9") in five (5) days and three and one-tenths inches (3.1") in six (6) days, respectively. Photographs submitted with these UAAs seem to indicate Coon Creek was not at baseflow conditions when the surveys were conducted. Because the department did not believe the data were representative of baseflow conditions, WBCR was not recommended to be

restored to this water body. A follow-up UAA was subsequently conducted for this segment to collect data during baseflow conditions. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to the new UAA will be reflected in the state's 2012 triennial review of the water quality standards.

COMMENT #13: EPA—EPA encourages the department to propose Secondary Contact Recreation (SCR) where the waters meet the maximum depth criterion (0.5 meter) for determining attainability of this use.

RESPONSE: The department agrees that the current UAA protocol specifies SCR is attainable where the depth of 0.5 meter exists during baseflow conditions. However, applying that use designation based strictly on depth would pose the following issues:

1) The secondary contact use would apply only where UAAs have been conducted exacerbating an inconsistency in SCR use designations favoring the designations only where UAAs are performed.

2) The department is exploring how to address recreation use attainability on unclassified waters. Changing the policy on use designation now may require the department to later "back track" on a significant number of decisions involving use designations on streams.

3) The decision to apply SCR uses now in response to comments does not allow for public participation on that decision. Rather than making a decision now, the department will continue with the policy of designating SCR uses where the use is existing, and evaluate options for expanding the use designations with the commission and stakeholders during the next triennial review of the water quality standards which is due for completion in 2012. No changes in the proposed revisions were made in response to this comment.

COMMENT #14: EPA—The drought status should be provided for all waters listed in Tables 2 and 3 (see Comment #10).

RESPONSE: The department has reviewed the water body segments listed in Tables 2 and 3 and herein presents drought status for those waters where the information has not already been included in the UAA. The recreational UAAs for these water body segments listed the drought status at the time of the survey as "Unknown." The information below was obtained from the U.S. Drought Monitor archives available online at <http://www.drought.unl.edu/dm/archive.html>. The department hopes this additional information completes the administrative record for these waters. No changes in the proposed revisions were made in response to this comment.

Water Body ID	Water Body Name	Class	Drought Conditions	UAA Date	Drought Map Date
0167	Brushy Creek	C	No drought	5/7/2007	5/8/2007
0113	North Fork Salt River	C	No drought	5/21/2007	5/22/2007
0034	Birkhead Branch	C	No drought	5/7/2007	5/8/2007
1028	Callahan Creek	C	D0 – abnormally dry	10/30/2007	10/30/2007
0187	Coon Creek	C	No drought	5/8/2007	5/8/2007
0083	North River	C	No drought	5/18/2007	5/22/2007
1648	Quick Creek	C	D1 – moderate	10/29/2007	10/30/2007

COMMENT #15: EPA—EPA provides a list of waters (Table 5) for which the presumption of 101(a)(2) uses have not been rebutted and recommends that the department propose designation of the 101(a)(2) uses until a satisfactory rebuttal is made.

RESPONSE AND EXPLANATION OF CHANGE: The department has reviewed the water body segments listed in Table 5 and herein presents information pertaining to those waters.

Lick Creek Ditch (Water Body ID: 2980): Lick Creek Ditch was also

listed in Table 4 of EPA's comments as a water body that met the maximum depth criterion in the 2005 and/or 2006 field survey. After review of the 2005 and 2006 UAA data, department staff determined this water body attained depth sufficient to meet the maximum depth criterion required for WBCR (1.0 meter). Therefore, the WBCR designated use will be restored. A follow-up recreational UAA has been conducted for this segment. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to the new UAA will be reflected in the state's 2012 triennial review of the water quality standards.

Maline Creek (Water Body ID: 1709): Maline Creek was also listed in Table 4 of EPA's comments as a water body that met the maximum depth criterion in the 2005 and/or 2006 field survey. After review of the 2005 and 2006 UAA data, department staff determined this water body attained depths sufficient to meet the maximum depth criterion required for WBCR (1.0 meter). However, due to evidence of hydrologic modification of the water body, the maximum depth criterion was not met over the entire segment length. The department is therefore proposing to sub segment Maline Creek at the low water dam referenced in MSD's Comment #19 below. Maline Creek upstream of the low water dam will be designated for WBCR and SCR, while downstream of the low water dam Maline Creek will only be designated for SCR.

Pleasant Valley Creek (Water Body ID: 2058): Pleasant Valley Creek was also listed in Table 4 of EPA's comments as a water body that met the maximum depth criterion in the 2005 and/or 2006 field survey. After review of the 2005 and 2006 UAA data, department staff determined this water body attained depth sufficient to meet the maximum depth criterion required for WBCR (1.0 meter). Therefore, the WBCR designated use will be restored. A follow-up recreational UAA has been conducted for this segment. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to the new UAA will be reflected in the state's 2012 triennial review of the water quality standards.

Rattlesnake Creek (Water Body ID: 0520): Because the department has not presented information sufficient to rebut the presumption of WBCR for this water body, the WBCR designation will be retained. A follow-up recreational UAA has been conducted for this segment. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to the new UAA will be reflected in the state's 2012 triennial review of the water quality standards.

Sewer Branch (Water Body ID: 0860): Sewer Branch was also listed in Table 4 of EPA's comments as a water body that met the maximum depth criterion in the 2005 and/or 2006 field survey. After review of the 2005 and 2006 UAA data, department staff determined this water body attained depth sufficient to meet the maximum depth criterion required for WBCR (1.0 meter). Therefore, the WBCR designated use will be restored.

COMMENT #16: EPA—EPA provides a list of waters (Table 6) for which clarification is needed to ensure that an adequate UAA was completed. The response below identifies the waters for which clarification was requested.

RESPONSE AND EXPLANATION OF CHANGE: The department has reviewed the water body segments listed in Table 6 and herein presents information pertaining to those waters.

Brushy Creek (Water Body ID: 0167): All sites are located on the upper portion of the segment above the confluence with Reid Creek due to access restrictions on the lower segment. At the time of the review committee recommendation, staff believed the survey sites were representative of the entire segment. However, additional UAAs have been conducted on waters of similar size and geology in Pike

and Lincoln counties that have depth sufficient to attain WBCR. After reviewing these data, department staff no longer believe the sites are representative of the entire segment. Because the department has not presented information sufficient to rebut the presumption of WBCR for this water body, the WBCR designation will be retained.

Dudley Main Ditch (Water Body ID: 2978): All sites are located on the upper portion of the five-tenths (0.5) mile segment due to access restrictions on the lower segment. Due to the uniform geometry and morphology of southeast Missouri drainage ditches, staff believe the sites collected during the May 2007 UAA are representative of the water body segment as a whole. Additionally, due to the use of drainage ditches as the primary hydrologic system in the area, it is highly unlikely that the unnamed tributary contributes sufficient discharge during baseflow conditions to elevate Dudley Main Ditch to depths sufficient to attain the WBCR criteria. Due to these reasons, the department is recommending the WBCR designated use be removed.

North Fork Salt River (Water Body ID: 0113): Department staff have revisited the May 2007 UAA and can confirm that Site 6, Cross Sections 2 and 3, have depths greater than one (1) meter. These data indicate North Fork Salt River has sufficient depth to attain the WBCR designated use. Therefore, the department is recommending the WBCR designated use be retained.

Sweet Spring Creek (Water Body ID: 0685): Department staff have revisited the October 2007 UAA and accompanying photographs. Upon closer examination, the photographs appear to substantiate the water body is at or near baseflow conditions at the time of the survey. Therefore, the pool at Site 7, Cross Section 9, has sufficient depth to attain the WBCR designated use. Therefore, the department is recommending the WBCR designated use be retained. Further examination of the UAA also revealed the comment concerning secondary contact activities at the creek (i.e. rock collecting). Therefore, the department is recommending the SCR designated use be assigned.

Tributary to North Moreau Creek (Water Body ID: 0950): All sites are located on the upper portion of the segment above the confluence with the unnamed tributary due to access restrictions on the lower segment. It is highly unlikely the unnamed tributary contributes sufficient discharge during baseflow conditions to elevate the Tributary to North Moreau Creek to depths sufficient to attain the WBCR criteria. Analysis of UAA data from nearby classified water body segments with more extensive drainage networks appear to support this assertion. Due to these reasons, the department is recommending the WBCR designated use be removed.

Tributary to Perche Creek (Water Body ID: 1006): Department staff have revisited the May 2007 UAA and can confirm Site 3 is at the Katy Trail access point of the Tributary to Perche Creek. Due to lack of sufficient depth at this location to attain WBCR and no public comments indicating an existing use, the department is recommending the WBCR designated use be removed. However, due to opportunities for SCR at this location, the department is recommending the SCR designated use be assigned.

Goose Creek (Water Body ID: 2201): This water body segment was incorrectly listed as Wolf Creek (Water Body ID: 2228) in EPA's comment letter. The downstream site on Goose Creek (Site 3) is upstream of the Jackson Wastewater Treatment Plant's main outfall (Permit MO-0022853, outfall #001). Stream morphology data are not available for locations downstream of outfall #001. Even so, it is not anticipated discharge from Jackson's Wastewater Treatment Plant (actual flow equals 3.1 cubic feet per second) will elevate Goose Creek to depths sufficient to attain the WBCR criteria during baseflow conditions. Due to these reasons, the department is recommending the WBCR designated use be removed.

COMMENT #17: MCE—River des Peres supports recreation, including Whole Body Contact Recreation (WBCR), throughout its entire classified length. Accordingly, the WBCR use should be designated on the entire classified length.

RESPONSE: For the current rulemaking, the department revisited the 2005 UAA submitted by the St. Louis Metropolitan Sewer District (MSD) for River des Peres and any comments received pertaining to recreational uses on River des Peres from its mouth to the confluence with Deer Creek in Land Survey 2037, Township 45 North, Range 6 East. This stretch of River des Peres previously encompassed two (2) classified segments (Water Body ID: 1710—Class P and Water Body ID: 1711—Class C) and an unclassified segment. Due to reclassification of the unclassified and Class C segments of River des Peres as Class P, this stretch of River des Peres is now Class P for the entire length and composed of two (2) water body segments as found in the proposed rule and the table below:

Water Body ID	Water Body Name	From	To	Length (miles)
1710	River des Peres	Mouth	Sur 1359,44N,6E	2.6
3827 (new)	River des Peres	Sur 1359,44N,6E	Sur 2037,45N,6E	3.7

Regarding the lower classified segment of River des Peres (Water Body ID: 1710), the department agrees with EPA's assessment contained in its October 31, 2006, letter that "none of the data show depths sufficient for WBCR" and that "no new or revised water quality standards are needed for this water body segment." The 2005 MSD UAA contains equidistant sites along this segment of River des Peres from its mouth to Survey 1359, Township 44 North, Range 6 East and was conducted during baseflow conditions. In its review of the transect data from this segment, the department determined the sites collected are representative of the water body segment as a whole due to the uniform geometry and morphology of the engineered channel. Because the 2005 MSD UAA encompassed a structured, scientific assessment of the lower classified segment of River des Peres, the department concluded the UAA contains sufficient quantitative and scientifically-based information to demonstrate that the lower classified segment of River des Peres (Water Body ID: 1710) does not contain depth sufficient to attain WBCR during baseflow conditions.

The department also reviewed all comments pertaining to recreational uses on the lower classified segment of River des Peres (Water Body ID: 1710). In addition to numerous comments indicating SCR (i.e., boating, fishing) as an existing use, two (2) comments were received by the department in 2005 indicating WBCR as a potential existing use along this segment. The department contacted the individuals that submitted the 2005 WBCR comments to determine the location and veracity of the reports. One (1) individual clarified that any WBCR they had observed took place at least thirty to forty (30–40) years ago and that they have not seen any WBCR activity since. The individual further commented that they would not characterize River des Peres as a recreational use water body. Uncertainty of whether the WBCR occurred after November 28, 1975, led the department to not consider this report of WBCR. Follow-up conversations with the other individuals revealed that within the past ten to fifteen (10–15) years, they observed people jumping off a railroad trestle and swimming in River des Peres "whenever the water comes up" with a frequency of "a couple of times" and "every once in awhile." The department determined this infrequent, historical WBCR use during high-flow conditions does not represent an existing WBCR use that has been attained. Therefore, due to the above reviews, the department affirms its recommendation already in rule that WBCR is not an existing or attainable use on the lower classified segment of River des Peres (Water Body ID: 1710). The department also affirms its recommendation already in rule that SCR is an existing use on the lower classified segment of River des Peres (Water Body ID: 1710).

Regarding the upper classified segment of River des Peres (Water Body ID: 3827), the 2005 MSD UAA contains equidistant sites along the majority of this segment from Survey 1359, Township 44 North, Range 6 East to Survey 2037, Township 45 North, Range 6 East. As with the lower classified segment of River des Peres, the department determined the sites collected are representative of the water body segment as a whole due to the uniform geometry and morphology of the engineered channel. The department concluded the UAA contains sufficient quantitative and scientifically-based information to demonstrate that the upper classified segment of River des Peres (Water Body ID: 3827) does not contain depth sufficient to attain WBCR during baseflow conditions.

The department also reviewed all comments pertaining to recreational uses on the upper classified segment of River des Peres (Water Body ID: 3827). In addition to numerous comments indicating SCR (i.e., boating, fishing) as an existing use, one (1) comment was received by the department in 2005 indicating WBCR as a potential existing use along this segment. The department made reasonable efforts to contact the individual that reported WBCR at the confluence of Deer Creek and River des Peres but was unable to confirm the location or veracity of the report at the time of this response. More importantly, the department was not able to confirm the hydrologic conditions under which the reported WBCR occurred. All other comments pertaining to WBCR on River des Peres indicated infrequent, limited use during high-flow conditions. Given the depth measurements that occur during baseflow conditions, significant flows would be needed to elevate upper River des Peres to depths sufficient to attain the WBCR use. Therefore, in the absence of confirmation of the location, frequency, and flow conditions for this comment, the department was not able to use the comment to establish an existing use. Due to the above review, the department affirms its recommendation in the proposed rule that WBCR is not an existing or attainable use on the upper classified segment of River des Peres (Water Body ID: 3827). The department also affirms its recommendation in the proposed rule that SCR is an existing use on the upper classified segment of River des Peres (Water Body ID: 3827). No changes in the proposed revisions were made in response to this comment.

COMMENT #18: MSD—MSD supports the designation of SCR to the lower River des Peres and provides a summary of the information that documents the inability of River des Peres to attain a higher recreation use.

RESPONSE: Based on comments received, the department agrees SCR is an existing use on the lower classified portion of River des Peres (Water Body ID: 1710). Accordingly, the department is recommending the SCR designated use remain designated to this segment. The department also received comments that indicate SCR is an existing use of the upper classified portion of River des Peres (Water Body ID: 3827). Therefore, the department is recommending the SCR designated use remain designated to this segment. No changes in the proposed revisions were made in response to this comment.

COMMENT #19: MSD—Maline Creek should be re-segmented to reflect the differences of attainable recreational uses created by a low water dam located approximately one-half (½) mile upstream from the mouth. Upstream of the low-water dam is deep enough for WBCR and this potential use should be added to the proposed water quality standards. Downstream of the low-water dam is not deep enough for WBCR and should retain the proposed use of SCR.

RESPONSE AND EXPLANATION OF CHANGE: After review of the 2005 and 2006 UAA data, the department agrees the low water dam located on Maline Creek hydrologically modifies the water body in such a way that depths are sufficient to attain WBCR above the dam but not below it. The department is therefore proposing to sub segment Maline Creek at the low water dam referenced in MSD's comment above. Maline Creek upstream of the low water dam will

be designated for WBCR-B and SCR, while downstream of the low water dam Maline Creek will only be designated for SCR.

COMMENT #20: Grace Hill Settlement House—The UAA performed on Maline Creek fails to scientifically rebut the presumption that WBCR is attainable for the creek. Specifically—

- Site four meets the depth criterion for WBCR.
- Site three likely meets the depth criterion.
- The UAA was conducted during an unusually dry period.
- EPA's measurements indicate depths sufficient for WBCR.
- Maline Creek does not meet any of the six (6) factors allowable under 131.10(g).
- EPA and the department have already concluded that the UAA was insufficient to remove the WBCR use.
- The UAA failed to follow the 2004 UAA protocol.
- The protocols have been updated since the UAA was performed, i.e., the new (2007) protocol makes the UAA performed in 2005 obsolete.

RESPONSE AND EXPLANATION OF CHANGE: Due to comments received from multiple sources, the department revisited the 2005 and 2006 UAAs for Maline Creek. After review of the 2005 and 2006 UAA data, the department determined the water body attained depths sufficient to meet the maximum depth criterion required for WBCR (1.0 meter). However, due to evidence of hydrologic modification of the water body, the maximum depth criterion was not met over the entire segment length. The department is therefore proposing to sub segment Maline Creek at the low water dam referenced in MSD's Comment #19 above. Maline Creek upstream of the low water dam will be designated for WBCR-B and SCR, while downstream of the low water dam Maline Creek will only be designated for SCR.

COMMENT #21: EPA—EPA recommends the department clearly indicate how evidence of or potential for recreation by children was considered in attainment decisions.

RESPONSE: The department acknowledges the Recreational UAA protocol does not clearly indicate how recreation by children will be considered in making use attainment decisions. In reviewing Recreational UAA data and public comments, evidence of actual or potential recreation by children was not discerned differently than for adults. That is, regardless of the age of the person, actual or potential existing uses for WBCR and SCR were recommended to be designated as observed. In short, existing recreational uses were recommended for designation regardless of the person recreating or the measured depth of the water body.

However, the department recognizes that children tend to engage in activities that allow for total immersion and exposure of sensitive body organs at a higher frequency than older populations. The department intends to investigate those waters where recreation by children has been documented and determine whether WBCR, if not already designated, is a more appropriate recreational use. This investigation will include all waters with existing UAAs and those where recreation by children may be the most prevalent and frequent during the recreational season (e.g., urban and suburban areas).

The department believes the current bacteria criteria found in rule are sufficiently protective of all populations that participate in WBCR. However, the department will review and incorporate any new criteria or information developed by the EPA under Section 304(a) of the Clean Water Act to protect recreational uses by all users, including children. Any new criteria developed, as well as language clarifying how children are protected during recreational activities, will be investigated for inclusion in the state's 2012 triennial review of the water quality standards.

COMMENT #22: MCE—MCE supports the proposed classification of Black Creek, Deer Creek, and River des Peres as Class P.

RESPONSE: The department appreciates MCE's support of changes to the water quality standards to classify Black Creek, Deer Creek, and the upper River des Peres as Class P waters. No changes in the proposed revisions were made in response to this comment.

COMMENT #23: MCE—MCE supports the proposed designation of WBCR-B use to Black Creek and Deer Creek. The WBCR-B designation should be extended to the River des Peres as the UAA conducted on this stream is not adequate to support the removal of the WBCR-B use designation. The UAA was inadequate in that it did not survey the majority of the unclassified portion of River des Peres, the survey points were not evenly spaced within the effected segment, and the UAA did not follow the latest (2007) protocol. Furthermore, the department concluded that the UAA was inconclusive in its review of the UAA and the decision to accept the UAA was not available for public review. In addition, EPA found that the UAA did not support a lack of recreation uses.

RESPONSE: The department appreciates MCE's support of changes to the water quality standards to designate the default WBCR use to Black Creek (Water Body ID: 3825) and Deer Creek (Water Body ID: 3826). Recreational UAAs have been conducted for both of these water body segments. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to the new UAAs will be reflected in the state's 2012 triennial review of the water quality standards.

Regarding designation of the default WBCR use to upper River des Peres (Water Body ID: 3827), the department concluded the 2005 UAA submitted by MSD contained sufficient quantitative and scientifically-based information to demonstrate the upper classified segment of River des Peres does not contain depth sufficient to attain WBCR during baseflow conditions. However, due to numerous comments indicating SCR along this segment, the department affirmed its recommendation in the proposed rule that SCR is an existing use on the upper classified segment of River des Peres (WBID: 3827). For additional details and information, please reference Comment #17 above. No changes in the proposed revisions were made in response to this comment.

COMMENT #24: RDPWC—Deer Creek should be classified with the appropriate recreational and aquatic life uses. This comment provides information (flow and aquatic life data) supporting at least a Class C designation beginning at Creve Coeur and a Class P beginning in Ladue and down to the confluence with River des Peres.

RESPONSE AND EXPLANATION OF CHANGE: The department is proposing Deer Creek (Water Body ID: 3826) be classified as a Class P water body from its confluence with River des Peres to Survey 1930, Township 45 North, Range 6 East. This newly classified segment will receive both the WBCR-B and SCR designated uses. The department appreciates the additional information for Deer Creek above the segment currently proposed for classification. Because there is not sufficient time for department review and public comment during this rulemaking, any changes or modifications due to this new information will be reflected in the state's 2012 triennial review of the water quality standards.

In addition to changes reflected in the comments above, the department will revise recreational use designations for Raccoon Creek (Water Body ID: 0586) and Wolf Creek (Water Body ID: 2228) due to individual public comments received during public notice of the draft rule. A summary of all department recommendations following public comment are contained in the table below.

Table H—Changes to the Designation of Whole Body and Secondary Contact Recreation as a Result of Stream Classification of Black Creek, Deer Creek, and River Des Peres

WBID	Water Body Name	Class	County	Recommendation
3147	Blue Ditch	C	Scott	Add WBCR
0993	Blythes Creek	P	Moniteau & Miller	Add WBCR
1301	Bones Branch	C	Bates	Add WBCR
0167	Brushy Creek	C	Lincoln	Retain WBCR
0859	Brushy Creek	P	Pettis	Add WBCR
0320	Dicks Creek	C	Platte	Add WBCR
3094	Ditch #8	C	New Madrid & Stoddard	Add WBCR
2978	Dudley Main Ditch	C	Stoddard	Remove WBCR
2980	Lick Creek Ditch	C	Stoddard	Add WBCR
1709	Maline Creek	C	St. Louis City & St. Louis	Add WBCR/SCR, Add SCR
1010	N. Fk Grindstone Cr.	C	Boone	Add WBCR
0113	N. Fk. Salt River	C	Adair	Retain WBCR
2058	Pleasant Valley Cr.	C	Crawford	Add WBCR
1648	Quick Creek	C	Montgomery	Add WBCR
0586	Raccoon Creek	C	Grundy	Add WBCR, Add SCR
0520	Rattlesnake Creek	C	Livingston	Retain WBCR
0860	Sewer Branch	C	Pettis	Add WBCR
0685	Sweet Spring Creek	C	Randolph	Retain WBCR, Add SCR
1687	Trib. to Busch Creek	C	Franklin	Add WBCR
0950	Trib. to N. Moreau Cr.	C	Moniteau	Remove WBCR
1006	Trib. to Perche Creek	C	Boone	Remove WBCR, Add SCR
2985	Turkey Creek	C	Stoddard	Add WBCR
2228	Wolf Creek	C	Cape Girardeau	Retain WBCR, Add SCR

New Table K—Addition of Site-Specific Criteria for Dissolved Oxygen on East Fork Locust Creek and Little East Fork Locust Creek in Sullivan County, and West Fork Sni-a-Bar and Sni-a-Bar Creeks in Jackson County

COMMENT #25: City of Blue Springs—The City of Blue Springs revised their petition for site-specific dissolved oxygen (DO) criteria and requested the following changes in the proposed rule:

- Revise the proposed daily minimum from 3.0 mg/L to 4.0 mg/L.
- Establish an effective period for the alternative criteria of five (5) years from the effective date of the rule.
- Revise the start of the effective “summer” period of the proposed criteria from July 1 to June 1.
- Provide clarification in the proposed rule that the alternative criteria are underpinned by predictions from a verified water quality model during design flow conditions.
- Revise the effective location for the criteria to an approximate five (5)-mile segment beginning at the point the City of Blue Spring’s wastewater effluent enters Sni-a-Bar Creek down to the creek’s confluence with Horseshoe Creek.

RESPONSE AND EXPLANATION OF CHANGE: The department accepts the suggested revisions to the proposed criteria and is showing these changes in the order of rulemaking. In addition, although not specifically mentioned in the comment, the department recommends deleting the proposed site-specific criteria on West Fork Sni-a-Bar Creek, as this segment is above the point where the discharge from the City of Blue Springs Wastewater Treatment Plant enters Sni-a-Bar Creek.

COMMENT #26: CLEAN—The proposed site-specific criteria do not reflect best attainable conditions in East Fork Locust Creek. Specifically—

- The reference streams do not represent the least impacted waters in the region with respect to impacts from row-crop agriculture.
- The reference streams do not represent the least impacted waters in the region with respect to livestock impacts.
- Because anthropogenic impacts to the reference streams can be reduced, the criteria do not define best attainable conditions.

RESPONSE: The department understands the potential for organic constituents in runoff from pastures and cropland to affect the DO level within streams. Reference streams that receive runoff from these land use practices may undergo physio-chemical changes. However, it is not required that numeric water quality criteria be designed to prohibit these effects if these physio-chemical changes would not adversely affect the existing and attainable uses within the stream.

The establishment of numeric criteria does not usually target the achievement of conditions completely unaffected anthropogenically. For example, the criteria for the protection of recreational uses do not prohibit the existence of pathogens of human origin. Rather, the use-based criteria is written to limit (i.e., not prohibit) the pollutant amounts. And the limitation is generally quantified as that threshold at which the use attainment can be assured. Therefore, the target is not to eliminate any or all pollutants, but to minimize the pollutants to ensure the achievement of the use. What is critical in this discussion is whether or not substantial and important improvements in the aquatic life abundance and diversity would be seen if the criteria were more stringent. Or, put in broader terms used by the Clean Water Act (CWA)—would the “biological integrity” of the stream be lost if the proposed criteria were implemented?

The comment may be trying to simultaneously address several different elements of the water quality standards. While the overall goal of the CWA is to eliminate pollution, the specific objective of the numeric criteria in Table A is to protect beneficial uses. Eliminating pollution is achieved through several other elements of the standards, such as the antidegradation policy (e.g., the required search for non-discharging alternatives) and the technology-based standards on effluent quality (e.g., the “no discharge” Effluent Limitation Guidelines for Concentrated Animal Feeding Operations). Further protection can also be gained through special use designations (such as designating outstanding resource waters or recognizing special scientific or aesthetic values) and setting the criteria accordingly to ensure the highest attainable level of water quality. Before implementing these other elements of the standards, one should consider whether or not East Fork Locust Creek is a good candidate for these higher levels of use and, therefore, protection. Another approach, although not practicable nor envisioned by the CWA, is to designate all waters of the state as outstanding state resource waters and require all dischargers to perform UAAs before being allowed to lower the water quality.

The state’s designated “biocriteria reference streams” throughout the state were selected using the same process used by the petitioner for East Fork Locust Creek. It would stand to reason then, that biological reference streams, in which aquatic life uses are fully attained, are proof that the selection process is successful in finding streams with suitable conditions to support a full use. The same rationale was used by EPA in their development of nutrient criteria benchmarks through reference stream data. Consequently, the department remains confident that the data are representative of conditions suitable for full aquatic life normally found in small intermittent streams in Missouri’s northern prairie region. No changes in the proposed revisions were made in response to this comment.

The department is open to further discussion on how to ensure the most effective DO criteria for protecting the beneficial uses in East Fork Locust Creek. Should these discussions occur, the department suggests that the following points be explored:

- 1) At what point along the “biological condition gradient” does

East Fork Locust Creek lie? This question would help describe the conditions attainable for the streams of the type and location represented by East Fork Locust Creek.

2) What reasons exist to push that level further up the Biological Condition Gradient? This question would help define any influential socio-economic factors in determining the water quality goals for East Fork Locust Creek.

3) In what way could the numeric criteria be improved to ensure effective management of water quality and full attainment of the designated use? This question would help ensure that the criteria chosen adequately capture the appropriate *magnitude, duration, and frequency* of the diurnal nature of DO.

COMMENT #27: MDC—The proposed criteria for East Fork Locust Creek and Little East Fork Locust Creek are not protective of aquatic life. The selection of reference streams from which data were used to derive the criteria are significantly influenced by anthropogenic activities, specifically row cropping and pasture. Therefore, these streams do not reflect a natural background condition which is a requirement for reference stream selection.

RESPONSE: This comment is very similar to the previous comment. Therefore, the department defers the reader to its response to Comment #25. In addition, the department offers the following regarding the selection and use of reference streams.

Guidance for reference stream selection is presented in a publication by Regulatory Technical Advisory Group (RTAG), which is supported by EPA. RTAG's guidance was referenced and was closely followed in the petition for site-specific criteria on East Fork Locust Creek/Little East Fork Locust Creek.

The selection of reference streams representing *natural background conditions* is essential for the development of criteria that are aimed at protecting water quality *at or near* the pollutant levels seen in natural background conditions. This concept is specifically mentioned in an EPA memorandum dated November 5, 1997, signed by Tudor T. Davis, Director, Office of Science and Technology, where it connects the use of reference streams for "setting criteria *equal to* natural background" (emphasis added).

The petition for site-specific DO criteria explores both concepts (i.e., natural conditions and highest attainable uses) in its approach to establishing criteria. The department accepts the petition with the understanding that the petitioner is not trying to preserve natural conditions but rather trying to establish a criteria protective of the aquatic life use. In waters not subject to Tier 3 protection of the anti-degradation policy (i.e., no lowering of water quality allowed), some pollutant loading or water quality degradation is accepted so long as the degradation does not impair the beneficial uses of the stream. Therefore, the goal of the petition is accepted as not an effort to create criteria protective of natural background, but instead, criteria protective of the warm-water aquatic life use in East Fork Locust Creek/Little East Fork Locust Creek.

The petition could have further explored how the anthropogenic activities within the reference stream watersheds affect the DO levels in those streams and could have further explored the possible effects of a reduction in DO, if any, on the abundance and diversity of aquatic life in the reference streams. Further demonstration of this type may be illuminating on the cause and effect of oxygen demanding pollutants but is not essential in supporting a confident conclusion that the measured oxygen levels in the reference streams are sufficient to support a full assemblage of warm-water aquatic life. No evidence suggests that the aquatic communities in the selected reference streams are significantly less than what would be expected naturally in intermittent prairie streams. Conversely, significant data exists indicating that the DO regime characterized by the reference streams and the proposed criteria is prevalent in the summer in smaller streams in a prairie region and is not a limiting factor on the abundance and diversity of aquatic life that naturally inhabit these streams. Therefore, it stands to reason that ensuring DO levels at the same level in East Fork Locust Creek/Little East Fork Locust Creek

would be protective of aquatic life in these streams as well. No changes in the proposed revisions were made in response to this comment.

COMMENT #28: MPUA, Farmland Foods, and City of Milan support the proposed site-specific criteria on East Fork Locust Creek.

RESPONSE: The department acknowledges the support for the proposed criteria. No changes in the proposed revisions were made in response to this comment.

COMMENT #29: Herrmann—The statement by the Missouri Department of Conservation that eighteen (18) species of fish inhabit the reference stream for East Fork Locust Creek belies their statement that DO is having a detrimental effect on aquatic life.

RESPONSE: As stated in the two (2) previous responses, the reference stream data indicate that the streams are attaining their designated aquatic life use under DO conditions described by the criteria. In addition to this direct observation, the site-specific DO criteria petition establishes, through a structured scientific analysis, that the selected reference streams are appropriate locations for the collection of DO data and that the data are acceptable for use in deriving site-specific criteria for East Fork Locust Creek. No changes in the proposed revisions were made in response to this comment.

New Tables L, M, and N—Nutrient Criteria for Lakes

COMMENT #30: EPA—EPA supports the proposed tenth percentile reference value for the site-specific criteria in Table L, the site-specific criteria for certain lakes in Table M, and the tributary-specific criteria in Table N for major reservoirs.

RESPONSE: The department appreciates and acknowledges EPA's support for these portions of the criteria. No changes in the proposed revisions were made in response to this comment.

COMMENT #31: EPA—EPA requests that the department explain why the draft criteria values incrementally increased during the stakeholder discussions.

RESPONSE: During the process of developing nutrient criteria, Missouri's stakeholders examined many different approaches. Each change in the approach used to calculate criteria resulted in shifts in the values being generated. These modifications were made in an effort to improve the approach in terms of its scientific soundness. The continual upward movement of the recommended numbers reflects the overall conservative beginnings in the approaches examined.

Modifications that occurred included the separation of the Ozark Border Region from the Plains Region and the decision to use the 10th and 75th percentiles of the range of reference Phosphorus values as opposed to trying to calculate 10th and 75th percentiles from a small sample size ($n=7$ in the Plains and Border regions). Another modification made during this time was a shift away from trying to back-calculate Nitrogen and Chlorophyll values from target Phosphorus concentrations to the use of ratios based on Phosphorus concentrations.

This accounts specifically for the shift in the reference values for Total Phosphorus. Final reference values for Total Nitrogen and Chlorophyll were then reached following the establishment of their relations to Total Phosphorus. The following presents the chronology of specific decisions affecting the criteria development:

[June 19, 2007] The figures for the Plains Region for this date are actually Total Phosphorus—52, Total Nitrogen—860, Chlorophyll (not Chlorophyll-a)—18. The figures for the Ozark Border Region were mistakenly attributed to the Plains Region in the comment letter. Total Phosphorus was calculated as the 75th percentile of individual reference reservoirs. The Ozark ecoregion was divided into Border and Highlands. Total Nitrogen and Chlorophyll were calculated as response variables in regressions against Total Phosphorus

data for individual reservoirs. These criteria were then determined from Total Phosphorus criteria points on the regression line.

[December 13, 2007] As a result of the above stated correction, the only change for the Plains Region from the previous date listed in the table is a decrease for Total Nitrogen from 860 to 785. This was on account of a recalculation of the regression.

[December 20, 2007] Total Phosphorus was recalculated as 75th percentile of the range of values for reference reservoirs. Total Nitrogen and Chlorophyll were also calculated as 75th percentile of the range of values for reference reservoirs.

[January 17, 2008] Total Nitrogen was calculated as 20:1 ratio to Total Phosphorus. Reference value for Chlorophyll was calculated based on statewide average Chlorophyll to Total Phosphorus ratio of 0.36.

[May 2009] Chlorophyll was recalculated by region based on average Chlorophyll to Total Phosphorus ratio for each region plus 1 standard deviation.

No changes in the proposed revisions were made in response to this comment.

COMMENT #32: EPA—To what percentile of the total population does the Total Phosphorus criteria derived using the 75th percentile of the reference population correlate?

RESPONSE: The correlation between the 25th percentile of population values and the 75th percentile of reference values is dependent on the group of reservoirs that have been monitored and the definition of reference conditions. The reference criteria for the Plains, Ozark Border, and Ozark Highlands correlate to approximately the 65th, 55th, and 79th percentiles, respectively, of the general population. No changes in the proposed revisions were made in response to this comment.

COMMENT #33: EPA—Did the department evaluate the trisection method (mean values from the lowest third of the dataset for each parameter)?

RESPONSE: The trisection method was not evaluated as a substitute for the reference approach when determining an upper horizontal line in the decision matrix. It does not account for reservoirs that have higher than average nutrient concentrations relating to reservoir design (low volume, large watershed, short residence time). Therefore, the trisection method would not be useful in delineating the upper range of normal Phosphorus concentrations in reservoirs with nominal impacts. No changes in the proposed revisions were made in response to this comment.

COMMENT #34: EPA—The paper by Obrecht, D.V., 2008, Rationale for Missouri's Proposed Nutrient Criteria Rule, that was presented with the proposed rule, does not discuss why the 75th percentile was chosen as opposed to the 25th percentile (population) or ecoregion values. The department should provide their rationale for selecting the 75th percentile approach over the others.

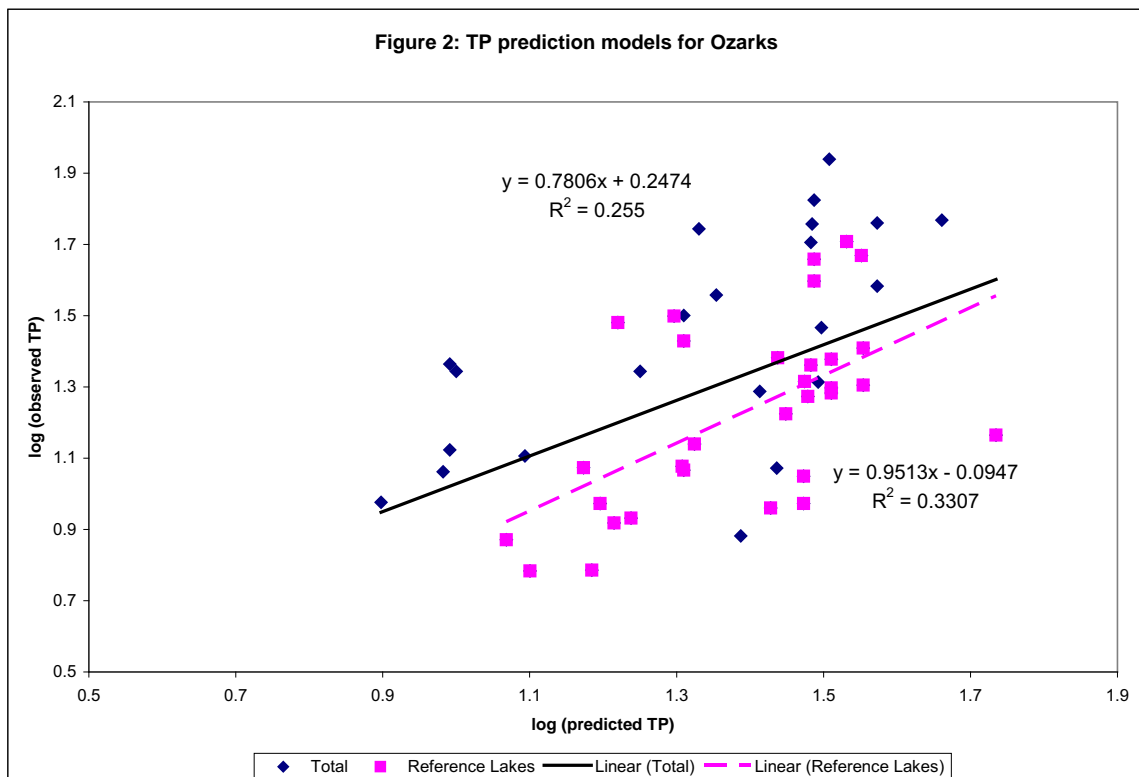
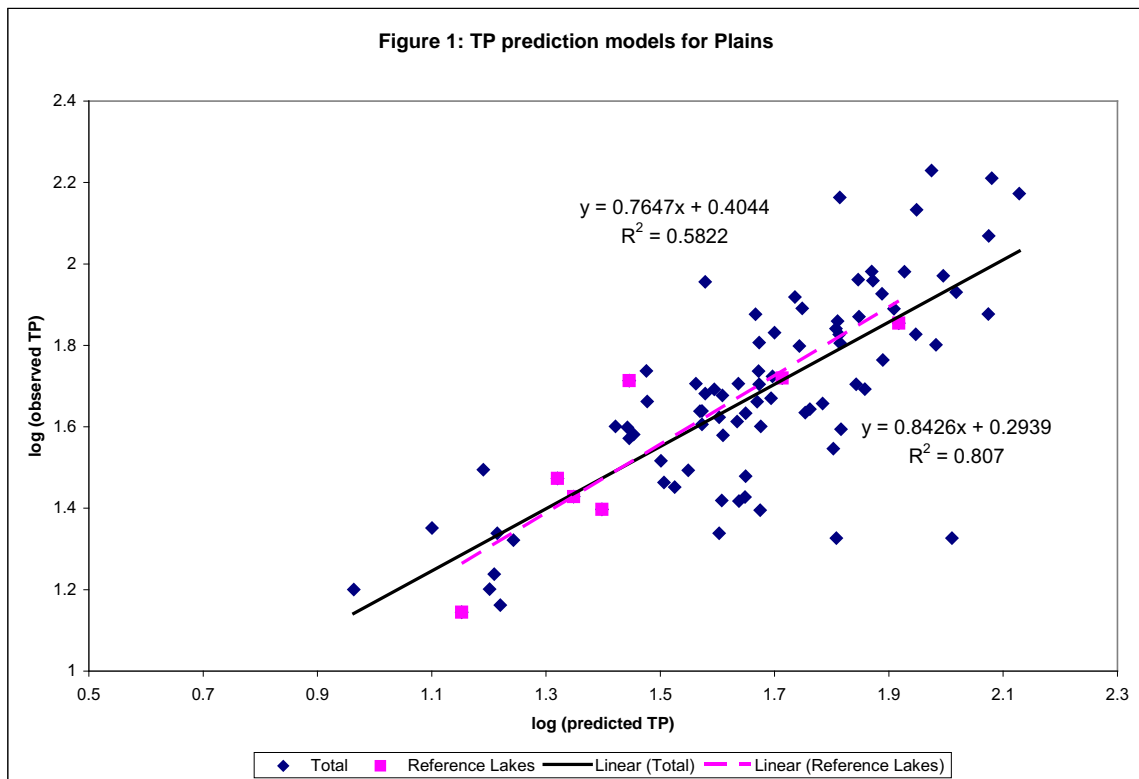
RESPONSE: The Missouri approach uses the reference value (75th percentile line) as a way of gauging the upper portion of the range of Phosphorus concentrations that could be expected in reservoirs that have nominal human activity within their watersheds. All of the reservoirs from which data were collected to determine a reference value meet the criteria of reference waters. Accordingly, all are suitable locations to compile data representing conditions fully supporting the beneficial uses for which the criteria are designed to protect. Understanding the lack of parallelism between the 25th percentile of the population data and the 75th percentile of the reference data is not critical to developing criteria protective of warm-water aquatic life. Seeking a lower percentile may only be justified when identifying sensitive uses requiring water quality at the highest level. For the reservoirs supporting sensitive uses, the department would likely recommend use of the 10th percentile of the regional reference data.

Furthermore, selecting any percentile of the population data would appear to be more arbitrary and difficult to defend because of the

variability in the data across the entire population of reservoirs. The same could be said for the population approach at the ecoregional level, especially since those figures would be based on relatively small data sets. These attributes of the population data indicate a lack of comparability and representativeness that compromises an approach using a percentile of the data. No changes in the proposed revisions were made in response to this comment.

COMMENT #35: EPA—In order to fully evaluate the scientific validity of the prediction equation approach, the department should explore the use of predictive equations that uses the same dataset (75th percentile) that was used in deriving the reference values (as opposed to the total dataset).

RESPONSE: The department compared the results using different data sets. The Total Phosphorus prediction model that is based solely on reference reservoirs in the Plains is fairly similar to those models generated using all available regional reservoir data (see Figure 1). The use of only reference reservoir data to generate the model for both Ozark regions results in a lower y-intercept and a steeper slope compared to the model based on all data (Figure 2). The similarity of the reference and population models for the Plains Region reflects the greater influence hydrology has on Phosphorus concentrations in these reservoirs. No changes in the proposed revisions were made in response to this comment.



COMMENT #36: EPA—The prediction value equation (Table L) could result in criteria that are not protective of aquatic life for lakes in the upper right-hand quadrants (B4 and C2) of the prediction matrix. Given minimum values for dam height and retention time, the equation could yield very high prediction values, with correspondingly high Total Nitrogen and Chlorophyll values. Allowable Total Phosphorus values could go as high as 238 $\mu\text{g/L}$ and Chlorophyll values could reach 105 $\mu\text{g/L}$. Ample literature suggests that Chlorophyll concentrations higher than 25 $\mu\text{g/L}$ are hypereutrophic.

RESPONSE: A reservoir built with a shallow dam (and a correspondingly low volume), but with an extremely large watershed (resulting in an extremely low residence time) would be expected to have a high Phosphorus level. This is the cornerstone of the proposed approach—not all reservoirs were engineered and built the same and, therefore, should not be expected to all have the same nutrient concentrations.

A reservoir in the Plains region with the maximum dam height and residence time listed in Table 2 would have a predicted Total Phosphorus value of 2 $\mu\text{g/L}$. Both values (238 $\mu\text{g/L}$ and 2 $\mu\text{g/L}$) represent hypothetical conditions that do not exist in Missouri. Both of these hypothetical reservoirs are less than optimal for aquatic life.

Several peer-reviewed journal articles suggest that reservoirs with 25 $\mu\text{g/L}$ of Chlorophyll are hypereutrophic. Studies done on Missouri reservoirs by Jones, J.R. and M.F. Knowlton, 1993, *Limnology of Missouri Reservoirs: an Analysis of Regional Patterns*; Lake and Reservoir. Manage, 8:17-30; identify this threshold at 40 $\mu\text{g/L}$.

Reservoirs that fall within Zone C2 of the matrix would be in violation of the criteria and targeted for reduction. Therefore, the only reservoirs of concern with respect to the comment are those that fall within Zone B4. Of the reservoirs for which data are available, twenty-four (24) reservoirs qualify for Zone B4 because of Total Nitrogen levels (See following table). Of those, nine (9) are also in Zone B4 because of Total Phosphorus levels, and sixteen (16) are below prediction levels for Chlorophyll. Eight (8) of these reservoirs are in compliance for all three (3) criteria, all the rest exceed the thresholds for Total Phosphorus, Total Chlorophyll, or both. Total Chlorophyll within these eight (8) reservoirs ranges from 15.7 to 37.4 $\mu\text{g/L}$, with a median of 21.1 $\mu\text{g/L}$. Five (5) of them have Chlorophyll concentrations that are in Zone B3, below the reference value for Chlorophyll. This is an indication that, while reservoirs that fall within Zone B4 for Total Nitrogen or Total Phosphorus may have variable ranges in Chlorophyll concentrations, the extreme scenario that is hypothesized in the comment is highly unlikely. No changes in the proposed revisions were made in response to this comment.

Reservoirs that fall within Zone B4 for nutrient criteria.

Lake	Total Phosphorus		Total Nitrogen		Chlorophyll	
	Geomean	Predicted	Geomean	Predicted	Geomean	Predicted
Atkinson*,**			990	1280		
Butler City	67	89	886	1780	32.9	39.2
Cameron #1*			1414	1880	40.7	41.4
Cottontail***	117	119	969	2380	15.7	52.4
Edina City***	64	65	1231	1300	18.4	28.6
Ella Ewing***	78	81	1305	1620	20.3	35.6
Fredericktown*,**			676	920		
Gopher***	85	104	706	2080	18.4	45.8
Green City*			1030	1300	25.4	28.6
Killarney*,**			573	620		
Kraut Run*,**			1087	1700		
Lake St. Louis***	63	96	963	1920	21.9	42.2
Lamar City**	72	83	956	1660		
Maysville*			1275	2400	38.7	52.8
Memphis City	75	119	1203	2380	37.4	52.4
Monroe City*			1089	1400	27.3	30.8
Monroe Rt J*,**			1218	1540		
Montrose*			1133	2680	56	59
North Lake	94	99	1000	1980	34.8	43.6
Pape (Concordia)*,***			982	1300	21.1	28.6
Shelbina*,***			1062	1480	30.8	32.6
Spring Fork*,**			1042	1780		
Sterling Price*,**			1399	1500		
Unionville*			1175	1400	30.7	30.8

* Zone C2 for Total Phosphorus. **Zone C2 for Chlorophyll. ***Zone B3 for Chlorophyll.

COMMENT #37: EPA—The department should provide clarification on the following items regarding the selection and evaluation of reference lake conditions:

- How many (if any) of the lakes with site-specific criteria (Table M) were considered reference lakes as part of the reference selection?

RESPONSE: Of the twenty-five (25) reservoirs listed in Table M, eleven (11) are also included as reference reservoirs. These include three (3) in the Plains Region, one (1) in the Ozark Border Region, and seven (7) in the Ozark Highlands Region. No changes in the proposed revisions were made in response to this comment.

- How did the requirement that fifty percent (50%) of the watershed be grassland influence the number of available reference lakes?

RESPONSE: There are sixteen reservoirs listed in the Plains Region that have watersheds with greater than fifty percent (50%) grassland cover. Of those, six (6) have greater than twenty percent (20%) cropland within their watersheds. Out of the remaining ten (10), three (3) have point source dischargers within their watersheds. No changes in the proposed revisions were made in response to this comment.

- What watershed size was used in this evaluation? If Hydrologic Unit Code 12 or larger was used, did the department consider evaluating land cover using the catchment basin that drains to the lake rather than the watershed itself?

RESPONSE: The watersheds were delineated as direct catchment areas to the lakes in question. They range in size from one hundred fifty-five (155) acres to nearly fifty-six thousand (56,000) acres. In the Plains Region, the minimum size is three hundred fifty (350) acres and the maximum is ten thousand nine hundred twenty-five (10,925) acres. In the Ozark Border Region, the minimum size is three hundred fifty (350) acres and the maximum is thirty-eight thousand six hundred thirty-two (38,632) acres. No changes in the proposed revisions were made in response to this comment.

- What information was available on the accuracy of the land cover information provided by the Missouri Resource Assessment Partnership (MORAP) 2005 Land Cover data?

RESPONSE: Data for the reference reservoirs in the Plains Region were gathered before or during 2006. Therefore, the figures used are reflective of conditions before any changes that may have occurred within the last three (3) years. No changes in the proposed revisions were made in response to this comment.

- Was any consideration given to misclassification of land cover based on recent changes in landscape? The department should verify the land cover information of reference reservoirs to ensure that recent changes did not occur.

RESPONSE: Grassland in the MORAP land cover file includes areas that are pasture as well as prairie and Conservation Reserve Program lands. It is our understanding that MORAP performed a quality control check on the coverage before making it available. Being the coverage is from 2005, the coverage should be reasonably up-to-date. No changes in the proposed revisions were made in response to this comment.

COMMENT #38: EPA—The department should explain why a sample size of seven (7) provides sufficient data to represent reference conditions in the Plains and Ozark Border Regions. Did the department consider using data from lakes in adjoining states that share the same ecoregion to increase the sample size? Did the department consider a population approach for the regions where sample sizes were small?

RESPONSE: The department acknowledges that a sample size of seven (7) is small. While a larger number of reference reservoirs would have been desirable, the department was limited to working with those reservoirs that met the criteria. The use of reference reservoirs is part of a larger approach (the decision matrix) and the criteria were not written for all reservoirs within a region based solely on such a small sample size. Also, the overall number of monitored reservoirs in the Ozark Border Region is small, and the seven (7) reference reservoirs represent forty-four percent (44%) of the monitored

reservoirs in the region.

The department did not consider using reference water bodies listed from neighboring states. Use of these water bodies would require land cover and permit (point source and concentrated animal feeding operation) information to determine eligibility as reference waters based on Missouri's definition. Reservoirs would also need to meet data requirements (four (4) years with at least four (4) samples during summer).

The department's use of reference reservoirs was to determine the expected range of Phosphorus concentrations in reservoirs with nominal human impacts within their watersheds. The department was not confident about using data from all of the monitored reservoirs within a region (including those with permitted point sources, greater than fifty percent (50%) crop or greater than fifty percent (50%) urban land coverage) to estimate the normal range of Phosphorus. Any correlation between the 25th percentile of all reservoir data and the 75th percentile of reference reservoir data would seem coincidental, thus making the substitution of one (1) value for the other somewhat tenuous. No changes in the proposed revisions were made in response to this comment.

COMMENT #39: EPA—How did the department consider the numeric nutrient criteria benchmarks developed by Regulatory Technical Advisory Group (RTAG) in its development of the nutrient criteria?

RESPONSE: The stakeholders group was aware of the benchmark values generated by RTAG but did not consider the values in finalizing the proposed criteria.

A cornerstone of Missouri's approach is the consideration of the differences among the reservoirs that account for some of the inherent variations in nutrient concentrations. The benchmark values were developed without differentiation among water body types, thus treating man-made impoundments, glaciated lakes, and oxbow lakes (along with other water body types) as being equal. The benchmarks consist of a single value for each trophic parameter, which is meant to represent a large geographic area made up of fourteen (14) different ecoregions. The benchmark values also fail to account for variations among water bodies in terms of volume, hydrology, watershed characteristics, etc. Given the lack of consideration in RTAG's generation of benchmark values for the many factors that make one water body different from another, the department does not find significant correlation between the benchmark values and Missouri's approach to developing nutrient criteria. No changes in the proposed revisions were made in response to this comment.

COMMENT #40: EPA—The department should provide clarification on how residence time in lakes is calculated when using the prediction equation, specifically:

- If actual depth data exist, did the department consider its use in the prediction equation?

RESPONSE: Volume data for most Missouri reservoirs are readily available as this information is calculated as part of the process of permitting dam construction (data maintained by the department). In those situations where volume (or mean depth) is not available but dam height is, an estimate of mean depth can be calculated by multiplying dam height by 0.25. No changes in the proposed revisions were made in response to this comment.

- In the absence of depth data, how will volume be calculated?

RESPONSE: If volume, mean depth, and dam height data are not available, field measurements must be taken to get an estimate of mean depth before a volume could be calculated. No changes in the proposed revisions were made in response to this comment.

- How will flow be measured?

RESPONSE: The volume of inflow into an individual reservoir is estimated by multiplying the watershed area by a runoff coefficient derived from the Missouri Water Atlas (Schroeder, 1982). The factors considered by the runoff coefficient include the average annual rainfall and factors affecting the rate of runoff such as land cover and

slope. No changes in the proposed revisions were made in response to this comment.

COMMENT #41: EPA—The department's rationale for the criteria states that Total Nitrogen to Total Phosphorus ratios are not successful predictors of limiting nutrients in lakes that have low nutrient levels, due to co-limitation. What values constitute "low" levels of nutrients with respect to co-limitation? Are the ratios important at low levels or only when there are high Total Nitrogen and Total Phosphorus? How did the department consider this factor in developing criteria for the Ozark Highland Region where Phosphorus values are low?

RESPONSE: The rationale cites a paper by Downing, J.A. and E. McCauley (1992) *The Nitrogen to Phosphorus Relationship in Lakes. Limnol. Oceanogr.* 37:936-945, which presents an analysis of worldwide data for Total Nitrogen to Total Phosphorus ratios. Results included a slow but significant decrease in the Total Nitrogen to Total Phosphorus ratio with each increase in Total Phosphorus. In oligotrophic lakes, the Total Nitrogen to Total Phosphorus ratio ranged from twenty-one to one (21:1) to two hundred forty to one (240:1). As discussed in EPA's *Nutrient Criteria Technical Guidance Manual* (2000) EPA-822-B00-001. Office of Water, Washington, D.C., boundaries between trophic conditions are not precisely defined, although there is a general consensus on the range of nutrient concentrations that constitute different trophic conditions. Table M is intended to represent reservoirs that are identified as the most oligotrophic in the state and worthy of protection in that status. Data seem to suggest that if a Total Nitrogen to Total Phosphorus ratio of twenty to one (20:1) or less were to be enforced for these reservoirs, nutrient load reduction must come from natural sources such as forest leaf litter. No changes in the proposed revisions were made in response to this comment.

COMMENT #42: EPA—The proposed rules establish Total Nitrogen criteria based on the twenty to one (20:1) ratio of Total Nitrogen to Total Phosphorus. This approach to establishing Nitrogen numbers is contingent upon predicted Phosphorus concentrations having a strong correlation with actual Phosphorus concentrations.

- How well does a Nitrogen prediction line relate to actual Nitrogen concentrations?

RESPONSE: Missouri's reservoirs tend to exhibit a fairly strong relationship between Total Phosphorus and Total Nitrogen levels. Reservoirs with high concentrations of one nutrient also tend to have high concentrations of the other as indicated by Figure 6 of the Rationale (Obrecht 2008). The relationship between the predicted Total Nitrogen (predicted Total Phosphorus times twenty (20)) and actual Total Nitrogen is shown in Figure 3. The slope of the regression indicates substantial agreement between the trends of observed and predicted Total Nitrogen concentrations. A "Pearson" correlation of the same data was calculated at 0.739 ($p = 0.000$). The "p value" refers to the probability that there is no direct relationship between predicted and observed concentrations. From this analysis, it would appear that a separate equation for Nitrogen prediction is unnecessary. No changes in the proposed revisions were made in response to this comment.

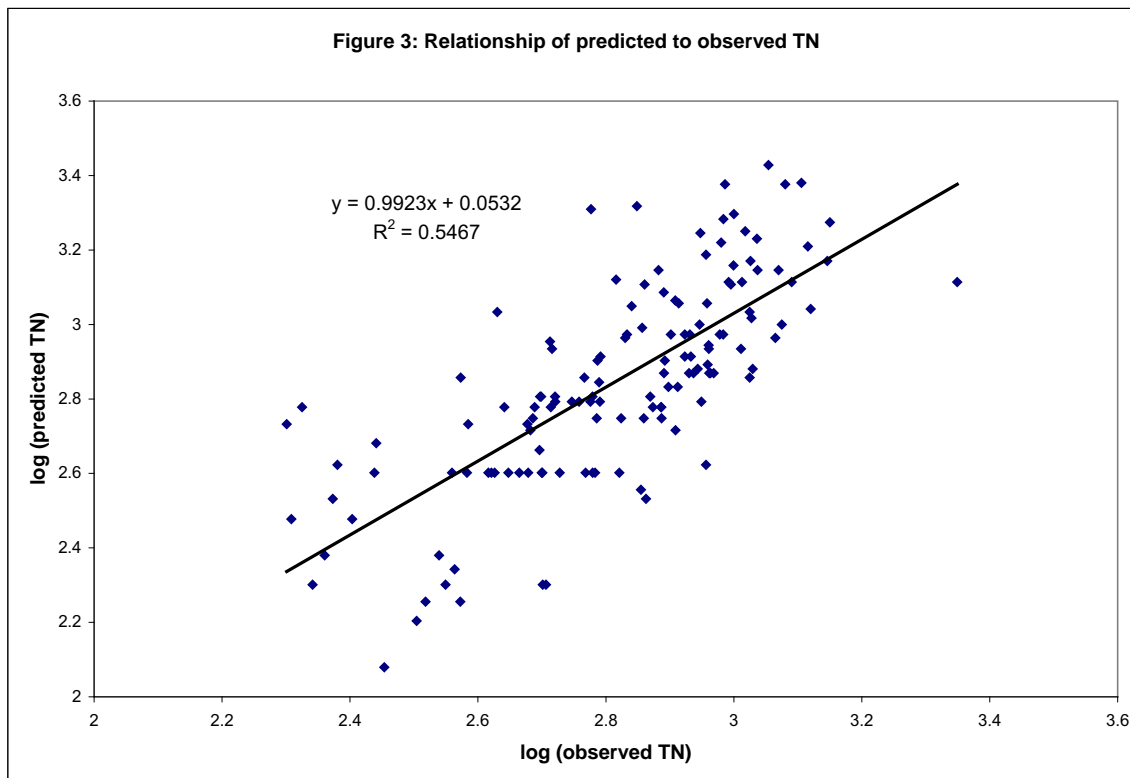
- What would result if the correlation was poor?

RESPONSE: If the log-transformed predicted Nitrogen did not have a strong enough correlation with the log-transformed observed Nitrogen concentration, alternative equations or approaches would have been considered. No changes in the proposed revisions were made in response to this comment.

- Could a separate equation be developed to predict Nitrogen concentrations?

RESPONSE: Multiple regression analyses were used to evaluate relationships between reservoir morphology and watershed characteristics to nutrient levels. The analyses revealed a strong correlation between the independent reservoir characteristics and Total Phosphorus concentrations, but no significant correlation with Total

Nitrogen. Consequently, the stakeholder workgroup decided to focus efforts on developing a decision matrix based on Phosphorus. No changes in the proposed revisions were made in response to this comment.



COMMENT #43: EPA—The proposed rules establish Chlorophyll values based on ecoregional data that were combined to calculate the Chlorophyll to Total Phosphorus ratio. The department should further explain the relationship between Chlorophyll and the Phosphorus prediction line.

- How did the department consider the ecoregional differences that can impact water quality before deciding to not use an ecoregional approach for these ratios?

RESPONSE: The comment may be mistaken in its conclusion that the department did not use an ecoregional approach when deriving Chlorophyll criteria. The Chlorophyll to Total Phosphorus ratios were calculated for each region based on regional Total Phosphorus values. Following consideration of the results, the ratios for the Ozark Border and Highland regions were combined in light of small sample numbers.

- The department proposes to adopt Chlorophyll to Total Phosphorus ratios of 0.44 and 0.42 for the Plains and Ozark Border ecoregions, respectively. The supporting rationale explains that these ratios were developed by adding one (1) standard deviation to the average Chlorophyll to Total Phosphorus ratio of lakes meeting the Total Phosphorus criteria. By comparison, the average ratio values for the lakes with site-specific criteria are 0.275 and 0.26 for the Plains and Ozark ecoregions, respectively. The department should explain the addition of one (1) standard deviation and provide the data supporting this method.

RESPONSE: Selecting the average value from a set of data allows you to identify a measure of central tendency but does not take into consideration the variability of the data. By adding one (1) standard deviation to the average value, the upper range of “normal” is identified, which is a better way of identifying values that fall outside the normal range.

Reservoirs identified as being located in Zone A of the decision matrix (site-specific criteria) are those that have low nutrient levels and are somewhat unique within the region. Factors that explain the low nutrient levels include very long residence times, deep water columns, and highly forested watersheds. The design of these reservoirs (dam height) and their location within the landscape (watershed

area/residence time and land cover) make them different from other reservoirs in the region in terms of their potential for low nutrient levels. Comparison of Zone A reservoirs to other reservoirs should be made with care.

Reservoirs that had Total Phosphorus or Total Nitrogen criteria that were in violation of the criteria were excluded from the analysis. Data for the Ozark Highland reservoirs are presented in the following table:

Lake	Geomean TP	Geomean Chlorophyll	Chlorophyll to Total Phosphorus
Bismarck	20	5.8	0.29
Capri	6	1.3	0.217
Carmel	8	1.7	0.2125
Clearwater	13	4.6	0.3538
Council Bluff	7	2.1	0.3
Crane	14	4.1	0.2928
Fellows	13	4.1	0.3153
Fourche Creek	9	2.1	0.233
Lake of the Ozarks	22	9.8	0.4455
Loggers	9	2.8	0.311
Lower Taum Sauk	12	3.3	0.275
Marseilles	9	1.6	0.1778
Miller Community	20	6.9	0.345
Monsanto	9	2.0	0.222
Noblet	11	2.0	0.1818
Northwoods	21	3.8	0.181
Pomme de Terre	23	12.9	0.561
Roby	15	3.0	0.2
Shayne	6	1.1	0.183
Sims Valley	24	11.5	0.479
Stockton	12	5.4	0.45
Sunnen	12	2.9	0.2417
Table Rock	9	4.1	0.4556
Timberline	8	1.5	0.1875
Turner	17	9.2	0.5412

The mean value is for Chlorophyll to Total Phosphorus is 0.306. The standard deviation is 0.119. Combined, they yield a criteria ratio of 0.425. A more detailed analysis can be found in Osborn, M.W., 2008, *Calculation for Chlorophyll*, Communication to the Nutrient Criteria Technical Subcommittee. No changes in the proposed revisions were made in response to this comment.

• Also, did the department consider establishing Chlorophyll values separately rather than being tied to Phosphorus concentrations? RESPONSE: Tying Chlorophyll values to Phosphorus appropriately reflects the “cause and effect” connection between the parameters. Furthermore, data are currently insufficient to identify the precise threshold at which Chlorophyll results in use impairment. No changes in the proposed revisions were made in response to this comment.

COMMENT #44: EPA—The RTAG developed a Chlorophyll-*a* benchmark value of 8 µg/L. The proposed Missouri lake criteria for Chlorophyll are 26 µg/L, 17 µg/L, and 11 µg/L for the Plains, Ozark Border, and Ozark Highlands ecoregions, respectively. The proposed criteria for Plains and Ozark Border ecoregion lakes would be over 3X and 2X the RTAG benchmark for Chlorophyll-*a*, respectively. Further assurance is needed that the proposed criteria are protective of aquatic life uses.

RESPONSE: The stakeholders group was not able to determine the precise values at which nutrients result in impairment to aquatic life. However, the use of data from appropriate reference waters provides reasonable assurance that the numbers derived are protective. The alternative concept of setting a single value for all reservoirs in the state based on the benchmarks values did not make sense given the diversity of our reservoirs (size, hydrology, watershed characteristics) and the effects these characteristics have on reservoir nutrient levels.

Furthermore, by allowing reservoirs in the state to range across the trophic gradient (oligotrophic to eutrophic) the criteria more appropriately reflects the diversity in aquatic life on a larger spatial scale

caused by inherent reservoir features. Managing all reservoirs toward the same nutrient and Chlorophyll concentrations would likely require some uniformity in reservoir design. The unique habitats and overall diversity in aquatic communities that come from the different reservoir types and conditions adds to the biological diversity and its overall health and integrity. No changes in the proposed revisions were made in response to this comment.

COMMENT #45: EPA—The department should provide further evidence supporting the criteria proposed for Truman Lake, Mark Twain Lake, Smithville Lake, and Thomas Hill Reservoir.

RESPONSE AND EXPLANATION OF CHANGE: An early draft version of Table N was inadvertently included with the proposed rule. It has been replaced by one that only includes criteria for Lake of the Ozarks and Table Rock Lake. With respect to the other sites in question, the criteria for these sites were calculated as if the tributary arms were individual reservoirs, using the formula in Table L and substituting depth at the mouth of the tributary arm for dam height, modified by the ratio of that depth to actual dam height. Currently, only Table Rock Lake and Lake of the Ozarks have sufficient data at tributary arm sites to substantiate this approach. As more data become available from the other large reservoirs, these criteria can be reconsidered during subsequent triennial reviews.

COMMENT #46: EPA—The department should clarify whether the proposed rule is establishing criteria for Chlorophyll-*a* or Total Chlorophyll.

RESPONSE: The proposed rule is establishing criteria for Total Chlorophyll because the algal data primarily used in the criteria development consisted of this analyte. The University of Missouri limnology lab Chlorophyll data (n=627) indicate that the geometric mean difference between Total Chlorophyll and Chlorophyll-*a* readings was 1.9 µg/L, or six and three-tenths percent (6.3%) of the Total Chlorophyll value. Therefore, both Total Chlorophyll and Chlorophyll-*a* appear to provide similar readings when measuring the presence of algae. No changes in the proposed revisions were made in response to this comment.

COMMENT #47: EPA—The department should explain why the rationale for the proposed rule states the criteria apply to only man-made lakes up to two thousand (2,000) acres while the proposed rule does not contain language excluding natural lakes or lakes greater than two thousand (2,000) acres.

RESPONSE: The criteria does not exclude lakes greater than two thousand (2,000) acres. This misunderstanding may be the result of several different discussions on the large lakes. Page 8 of the Rationale for Missouri's Proposed Nutrient Criteria Rule states that there are a dozen reservoirs of such size in the state, and when “these large reservoirs are removed from the analyses, we still find a very diverse collection of reservoirs...” This finding illustrates the wide variability of Missouri's reservoirs but was not meant to limit the types of reservoirs that would be regulated for nutrients.

On page 14 of the Rationale for Missouri's Proposed Nutrient Criteria Rule, the following statement appears: “Criteria for secondary sites on reservoirs with surface areas greater than two thousand (2,000) acres will be developed at a later time...” After the rationale was issued, the department developed criteria for Total Phosphorus at these secondary sites. These secondary sites are to be regulated in addition to the regular sites (near the dam).

The exclusion of *natural* lakes is implied in paragraph (4)(N)2. of the rule since all the state's natural lakes are in the Big River Floodplain. No changes in the proposed revisions were made in response to this comment.

COMMENT #48: EPA—The department should ensure that the criteria are not aimed solely at promoting a sport fishery at the expense of providing protection to a wide variety of aquatic life in addition to sport fishes.

RESPONSE: The criteria were developed to maintain the diverse uses that currently exist. Reservoirs with exceptionally low nutrient levels are protected by the 10th percentile value. Incidentally, these unique reservoirs probably support the least productive sports fisheries. The relationship between nutrients and fish production is important because many of the reservoirs were built by the Missouri Department of Conservation for the purpose of providing a warm water sport fishery. The data are insufficient to determine if nutrient and Chlorophyll levels that are supporting existing aquatic life uses are necessarily detrimental to or preventing the establishment of other types of aquatic life.

The discussion of game fish production in the section entitled “considerations concerning Chlorophyll” was not intended to exclude other facets of aquatic life from consideration. However, as is also stated in the rationale, since the water bodies affected by this rule are man-made systems, “natural” biological assemblages are hard to define and, in a sense, do not really exist. Furthermore, very little, if any, research has been done concerning the links between algal biomass and aquatic life other than fish in Missouri reservoirs.

The proposed criteria are based on appropriate reference conditions and aim to ensure those conditions are achieved as a minimum in all reservoirs within a given geographic location. Reference reservoirs, by definition, are the state’s highest quality waters and support the type of aquatic life communities currently desired and enjoyed by the public. No changes in the proposed revisions were made in response to this comment.

COMMENT #49: EPA—The proposed rule specifies that nutrient data are to be collected between May 1 and August 31. The growing season extends beyond this period. May 1 through October 31 may be more appropriate and support the logistics of sampling a large number of lakes.

- How will the department consider data that are collected during another time of the year?

RESPONSE: Data collected outside of the sampling season will not be representative of the conditions to which the criteria apply and, therefore, would not be comparable to the criteria. No changes in the proposed revisions were made in response to this comment.

- How did the department consider the growing season and its ability to detect potential water quality problems in selecting the sampling season?

RESPONSE: The department reviewed all available data and identified a period that presented data suitable for deriving the criteria. The start and end of the sampling season were dictated primarily by when the data were collected (between May 1 and August 31) and by increasing variables caused by lake destratification occurring outside of that period. No changes in the proposed revisions were made in response to this comment.

- Did the department consider extending the sampling season to include the entire growing season?

RESPONSE: The purpose of limiting the sampling season was to keep monitoring within the time period when Missouri’s reservoirs are stratified. If samples collected during spring or autumnal mixing, i.e., “turnover,” periods (or during the erosion of stratification) were allowed, we would expect increased variability among data collected from individual reservoirs during separate years. This increase in variability would need to be addressed by increasing the number of samples collected each year. Given the concern with the state’s ability to collect four (4) samples each year from individual reservoirs, increasing the sampling effort seems to only increase the requirements for determining compliance without a commensurate benefit. No changes in the proposed revisions were made in response to this comment.

- Does this mean that the proposed criteria are applicable only during this time (May 1–August 31)?

RESPONSE: Because of temporal variables, samples gathered outside the designated sampling period are not representative of the conditions expected during the sampling period. The monitoring period

also coincides with higher aquatic biological activity and higher human interaction with the reservoirs and their watershed. No changes in the proposed revisions were made in response to this comment.

COMMENT #50: EPA—The proposed rule specifies that the geometric mean of Total Phosphorus, Total Nitrogen, and Chlorophyll concentrations are to be based on a minimum of four (4) samples per year collected near the surface at the outflow, with a minimum data set of four (4) consecutive years. EPA is concerned about the logistics and scientific validity and/or necessity of collecting four (4) samples per year for four (4) years from all lakes. The department should explain how it will consider data that has fewer than the specified number of samples or years of data. For example, if a lake has fewer than four (4) samples during one (1) year of sampling, will it not be assessed for four (4) years until the consecutive year sampling requirement is met? In larger stratified lakes the Phosphorus levels may be significantly higher in the lower layers. Will the surface sampling regime be adequate to protect downstream waters where the dam releases are from the hypolimnetic layer?

RESPONSE AND EXPLANATION OF CHANGE: Requiring four (4) samples per year for four (4) years will limit the number of reservoirs assessed. Consequently, the department will selectively target the collection of four (4) samples each summer for four (4) years where assessments are warranted. A robust analysis is necessary to minimize the number of false positives and false negatives that would occur if criteria assessments were made using insufficient data.

As proposed, the rule requires data for four (4) consecutive years. The department has rewritten this portion of the rule to state that four (4) years of data is required, but not necessarily from consecutive years. The wording was also clarified by referring to “representative” data to ensure data with an age of more than four (4) years are reviewed for circumstances that might render the data unreliable.

The proposed approach takes into account the variability among different reservoirs, different summers, and separate individual surface samples within the summer. The proposed criteria includes secondary sites in major tributary arms of large reservoirs (greater than two thousand (2,000) acres) as a way of addressing spatial variability on the horizontal scale of these large water bodies. Data were insufficient to address vertical variability within reservoirs. For those large reservoirs with hypolimnetic releases, the receiving river or reservoir may be evaluated for compliance with the downstream criteria to identify potential problems.

The use of a geometric mean and four (4) years of data is necessary to attenuate climatic variability and avoid erroneous assessments. Monitoring schedules may be adjusted to prioritize reservoirs that do not meet general criteria. The data used to develop the proposed nutrient criteria are collected at the water surface near the dam. Therefore, no inference can be made for other depths or locations from these data. In the future and for stratified reservoirs, additional monitoring at different depths and locations may be considered if funds for monitoring are available.

COMMENT #51: EPA, Washington University—The department should consider developing a numeric translator to interpret their narrative criteria, which apply to the unclassified waters (lakes) of the state.

RESPONSE: Depending on the availability of data, the department may, during its subsequent triennial reviews, identify and evaluate options for protecting other reservoirs and lakes not covered by this proposed rule. In addition, the department is reviewing ideas for expanding the classification of waters, which may expand the application of the numeric nutrient criteria. No changes in the proposed revisions were made in response to this comment.

COMMENT #52: City of Independence—The department should use a watershed approach in implementing nutrient criteria. For example, consideration should be given to the relative nutrient load contributions from point and non-point sources in a lake watershed in

determining whether effluent limitations should be imposed. Also, water quality trading and green infrastructure should be allowed as potential options for achieving the nutrient criteria.

RESPONSE: The department is working with stakeholders to develop implementation guidance for nutrient criteria in lake watersheds. The goal of the group is to consider all sources of nutrients and present a way to allocate the contribution of point and non-point sources. It will also discuss trading opportunities and watershed management practices that are known to reduce nutrient loading to the reservoirs. No changes in the proposed revisions were made in response to this comment.

10 CSR 20-7.031 Water Quality Standards

(4) Specific Criteria. The specific criteria shall apply to classified waters. Protection of drinking water supply is limited to surface waters designated for raw drinking water supply and aquifers. Protection of whole body contact recreation is limited to classified waters designated for that use.

(B) Toxic Substances.

1. Water contaminants shall not cause the criteria in Tables A and B to be exceeded. Concentrations of these substances in bottom sediments or waters shall not harm benthic organisms and shall not accumulate through the food chain in harmful concentrations, nor shall state and federal maximum fish tissue levels for fish consumption be exceeded. More stringent criteria may be imposed if there is evidence of additive or synergistic effects.

2. For compliance with this rule, metals shall be analyzed by the following methods:

A. Aquatic life protection and human-health protection—fish consumption.

(I) Mercury—total recoverable metals.

(II) All other metals—dissolved metals;

B. Drinking water supply—total recoverable metals; and

C. All other beneficial uses—total recoverable metals.

3. Other potentially toxic substances for which sufficient toxicity data are not available may not be released to waters of the state until safe levels are demonstrated through adequate bioassay studies.

4. Drinking water criteria, for substances which are rendered nontoxic by transformation processes in the surface water body, shall apply at water supply withdrawal points.

5. Site-specific alternative criteria for human health-fish consumption may be allowed. Designation of these site-specific criteria must follow the established variance request process.

6. Metals criteria for which toxicity is hardness dependent are in equation format in Table A.

7. Total ammonia nitrogen. For any given sample, the total ammonia nitrogen criteria shall be based on the pH and temperature of the water body measured at the time of each sample at the point of compliance.

A. The acute criteria shall not be exceeded at any time except in those waters for which the department has allowed a zone of initial dilution (ZID). The one (1)-day Q_{10} low flow condition will be used in determining acute total ammonia nitrogen criteria.

B. The chronic criteria shall not be exceeded except in water segments for which the department has allowed a mixing zone (MZ). The chronic criteria shall be based on a thirty (30)-day exposure period. Therefore, the thirty (30)-day Q_{10} low flow condition of the receiving water body will be used in determining chronic total ammonia nitrogen criteria.

C. Without sufficient and reliable data, it is assumed that early life stages are present and must be protected at all times of the year.

(I) Sufficient and reliable data shall include, but are not limited to, seasonal studies on the fish species distributions, spawning periods, nursery periods, duration of sensitive life stages, and water body temperature. Best professional judgment from fisheries biologists and other scientists will be considered as appropriate.

(II) The time frames during the year when early life stages are considered to be absent are those time periods when early life stages are present in numbers that, if chronic toxicity did occur, would not affect the long-term success of the populations.

(III) A source of information for determining the duration of early life stages is *The American Society for Testing and Materials (ASTM) Standard E-1241*, "Standard Guide for Conducting Early Life-Stage Toxicity Tests with Fishes."

(IV) Protection of early life stages should include the most sensitive species that have used a water body for spawning and rearing since November 28, 1975.

(N) Nutrients and Chlorophyll.

1. Definitions.

A. For the purposes of this rule—

(I) All lakes and reservoirs shall be referred to as "lakes."

(II) Only total phosphorus (TP) criteria are derived from lake characteristics. Total nitrogen (TN) and chlorophyll (Chl) criteria are determined as a function of TP criteria.

B. Lake ecoregions—Due to differences in topography, soils, and geology, nutrient criteria for lakes and reservoirs will be determined by the use of four (4) major ecoregions. These regions were delineated by grouping the ecological subsections described in Nigh and Schroeder, 2002, *Atlas of Missouri Ecoregions*, Missouri Department of Conservation as follows:

(I) Plains: TP2—Deep Loess Hills; TP3—Loess Hills; TP4—Grand River Hills; TP5—Chariton River Hills; TP6—Claypan Till Plains; TP7—Wyaconda River Dissected Till Plains; TP8—Mississippi River Hills;

(II) Ozark Border: MB2a—Crowley's Ridge Loess Woodland/Forest Hills; OZ11—Prairie Ozark Border; OZ12—Outer Ozark Border; OZ13—Inner Ozark Border;

(III) Ozark Highland: OZ1—Springfield Plain; OZ2—Springfield Plateau; OZ3—Elk River Hills; OZ4—White River Hills; OZ5—Central Plateau; OZ6—Osage River Hills; OZ7—Gasconade River Hills; OZ8—Meramec River Hills; OZ9—Current River Hills; OZ10—St. Francois Knobs and Basins; OZ14—Black River Ozark Border;

(IV) Big River Floodplain: MB1—Black River Alluvial Plain; MB2b—Crowley's Ridge Footslopes and Alluvial Plains; MB3—St. Francis River Alluvial Plain; MB4, OZ16, TP9—Mississippi River Alluvial Plain; OZ15, TP1—Missouri River Alluvial Plain.

C. Criteria values.

(I) Prediction value—A TP concentration that is derived from the characteristics of a lake including dam height in feet, hydraulic residence time in years, and percentage of the watershed that was historically covered by prairie grasses. Prediction values for total phosphorus are calculated directly from these characteristics.

(II) Reference value—A TP concentration that is representative of lakes within an ecoregion having the following characteristics:

(a) Less than twenty percent (20%) of the watershed is in crop land and urban land combined;

(b) There are no point source wastewater discharges and no concentrated animal feeding operations within the watershed;

(c) In the Plains region, more than fifty percent (50%) of the watershed is in grass land; and

(d) In the Ozark Highlands region, more than fifty percent (50%) of the watershed is in woodland.

(III) Site-specific value—A TP concentration for a lake that has been identified as having trophic characteristics for which the reference of the ecoregion and the prediction values for that water body are not adequate to prevent deterioration of water quality. Site specific criteria are applicable to lakes having a geometric mean TP concentration equal to or less than the 10th percentile value of the range of geometric mean TP concentrations measured in reference lakes within a lake ecoregion. Site-specific criteria are also applicable to lakes with actual TP geometric mean concentrations that are at

or below the reference value where the prediction value is at or below the 10th percentile for TP geometric mean concentrations within a lake ecoregion. The 10th percentile values for each ecoregion are listed in Table L and lakes with site-specific criteria are listed in Tables M and N.

D. Tributary arm—A substantial segment of an L2 lake that is primarily recharged by a source or sources other than the main channel of the lake.

2. This rule applies to all lakes and reservoirs that are waters of the state and that are outside the Big River Floodplain ecoregion and have an area of at least ten (10) acres during normal pool.

3. Nutrient criteria for lakes and reservoirs with site-specific criteria are listed in Tables M and N. Nutrient criteria for other lakes are as follows:

A. Total phosphorus (TP)—

(I) For lakes in which the TP prediction value or the actual TP concentration does not exceed the reference value listed in Table L, the TP criterion shall be the reference value, except as described below;

(II) For lakes in which the TP prediction value does not exceed the reference value, and the actual TP value does not exceed the prediction value, the TP criterion shall be the prediction value;

(III) For lakes in which the TP prediction value and the actual TP concentration exceed the reference value listed in Table L, the TP criterion shall be limited to the prediction value; and

(IV) Site-specific TP criteria for the tributary arms of L2 lakes are listed in Table N.

B. Total nitrogen (TN)—

(I) For lakes in which the TP prediction value does not exceed the reference value listed in Table L, TN concentration shall be limited to twenty (20) times the TP reference value;

(II) For lakes in which the TP prediction value does not exceed the reference value, and the actual TP value does not exceed the prediction value, TN concentration shall be limited to twenty (20) times the TP prediction value;

(III) For lakes in which the TP prediction value exceeds the TP reference value listed in Table L, TN concentration shall be limited to twenty (20) times the TP prediction value; and

(IV) This portion of the rule does not apply to lakes that are held to site-specific criteria for TP, TN, and Chl, as listed in Tables M and N.

C. Chlorophyll (Chl)—Chl criteria shall be calculated from TP criteria as follows:

(I) Plains: $\text{Chl:TP} = 0.44$;

(II) Ozark Border and Ozark Highlands: $\text{Chl:TP} = 0.42$;
and

(III) This portion of the rule does not apply to lakes that are held to site-specific criteria for TP, TN, and Chl, as listed in Tables M and N.

4. All TP, TN, and chlorophyll concentrations must be calculated as the geometric mean of a minimum of four (4) representative samples per year for four (4) years that are not necessarily consecutive. All samples must be collected from the surface, near the out-flow end of the lake, and during the period May 1–August 31.

Table B2. Chronic Criteria for Total Ammonia Nitrogen (mg N/L): Early Life Stage absent⁽³⁾⁽⁴⁾

pH	Temperature (°C)																
	0-7	8	9	10	11	12	13	14	15	16	18	20	22	24	26	28	30
6.5	10.8	10.1	9.5	8.9	8.3	7.8	7.3	6.8	6.4	6.0	5.3	4.6	4.1	3.6	3.1	2.8	2.4
6.6	10.7	9.9	9.3	8.7	8.2	7.7	7.2	6.7	6.3	5.9	5.2	4.6	4.0	3.5	3.1	2.7	2.4
6.7	10.5	9.8	9.2	8.6	8.0	7.5	7.1	6.6	6.2	5.8	5.1	4.5	3.9	3.5	3.0	2.7	2.3
6.8	10.2	9.5	8.9	8.4	7.9	7.4	6.9	6.5	6.1	5.7	5.0	4.4	3.8	3.4	3.0	2.6	2.3
6.9	9.9	9.3	8.7	8.1	7.6	7.2	6.7	6.3	5.9	5.5	4.8	4.3	3.7	3.3	2.9	2.5	2.2
7.0	9.6	9.0	8.4	7.9	7.4	6.9	6.5	6.1	5.7	5.3	4.7	4.1	3.6	3.2	2.8	2.4	2.1
7.1	9.2	8.6	8.0	7.5	7.1	6.6	6.2	5.8	5.4	5.1	4.5	3.9	3.5	3.0	2.7	2.3	2.0
7.2	8.7	8.2	7.6	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.3	3.7	3.3	2.9	2.5	2.2	1.9
7.3	8.2	7.7	7.2	6.7	6.3	5.9	5.6	5.2	4.9	4.6	4.0	3.5	3.1	2.7	2.4	2.1	1.8
7.4	7.6	7.2	6.7	6.3	5.9	5.5	5.2	4.8	4.5	4.3	3.7	3.3	2.9	2.5	2.2	1.9	1.7
7.5	7.0	6.6	6.2	5.8	5.4	5.1	4.8	4.5	4.2	3.9	3.4	3.0	2.6	2.3	2.0	1.8	1.6
7.6	6.4	6.0	5.6	5.3	5.0	4.6	4.3	4.1	3.8	3.6	3.1	2.7	2.4	2.1	1.9	1.6	1.4
7.7	5.8	5.4	5.1	4.7	4.0	4.2	3.9	3.7	3.4	3.2	2.8	2.5	2.2	1.9	1.7	1.5	1.3
7.8	5.1	4.8	4.5	4.2	4.4	3.7	3.5	3.2	3.0	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1
7.9	4.5	4.2	3.9	3.7	3.5	3.2	3.1	2.8	2.7	2.5	2.2	1.9	1.7	1.5	1.3	1.1	1.0
8.0	3.9	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.2	1.9	1.7	1.5	1.3	1.1	1.0	0.8
8.1	3.4	3.1	2.9	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.6	1.4	1.2	1.1	1.0	0.8	0.7
8.2	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6
8.3	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5
8.4	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.7	0.6	0.5	0.4
8.5	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4
8.6	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3
8.7	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2
8.8	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
8.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
9.0	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1

Table B3. Chronic Criteria for Total Ammonia Nitrogen (mg N/L): Early Life Stages present ⁽⁵⁾

pH	Temperature (°C)									
	0	14	16	18	20	22	24	26	28	30
6.5	6.6	6.6	6.0	5.3	4.6	4.1	3.6	3.1	2.8	2.4
6.6	6.5	6.5	5.9	5.2	4.6	4.0	3.5	3.1	2.7	2.4
6.7	6.4	6.4	5.8	5.1	4.5	3.9	3.5	3.0	2.7	2.3
6.8	6.2	6.2	5.7	5.0	4.4	3.8	3.4	3.0	2.6	2.3
6.9	6.1	6.1	5.5	4.8	4.3	3.7	3.3	2.9	2.5	2.2
7.0	5.9	5.9	5.3	4.7	4.1	3.6	3.2	2.8	2.4	2.1
7.1	5.6	5.6	5.1	4.5	3.9	3.5	3.0	2.7	2.3	2.0
7.2	5.3	5.3	4.9	4.3	3.7	3.3	2.9	2.5	2.2	1.9
7.3	5.0	5.0	4.6	4.0	3.5	3.1	2.7	2.4	2.1	1.8
7.4	4.7	4.7	4.3	3.7	3.3	2.9	2.5	2.2	1.9	1.7
7.5	4.3	4.3	3.9	3.4	3.0	2.6	2.3	2.0	1.8	1.6
7.6	3.9	3.9	3.6	3.1	2.7	2.4	2.1	1.9	1.6	1.4
7.7	3.5	3.5	3.2	2.8	2.5	2.2	1.9	1.7	1.5	1.3
7.8	3.1	3.1	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1
7.9	2.8	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1	1.0
8.0	2.4	2.4	2.2	1.9	1.7	1.5	1.3	1.1	1.0	0.8
8.1	2.1	2.1	1.9	1.6	1.4	1.2	1.1	1.0	0.8	0.7
8.2	1.7	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6
8.3	1.5	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5
8.4	1.2	1.2	1.1	1.0	0.9	0.7	0.7	0.6	0.5	0.4
8.5	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4
8.6	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3
8.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2
8.8	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
8.9	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
9.0	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1

(1) *Salmonids present*: $CMC = [0.275 / (1 + 10^{7.204 - pH})] + [39.0 / (1 + 10^{pH - 7.204})]$

(2) *Salmonids absent*: $CMC = [0.411 / (1 + 10^{7.204 - pH})] + [58.4 / (1 + 10^{pH - 7.204})]$

(3) Without sufficient and reliable data, it is assumed that Early Life Stages are present and must be protected at all times of the year.

(4) Early Life Stages absent

$$CCC = [0.0577 / (1 + 10^{7.688 - pH})] + [2.487 / (1 + 10^{pH - 7.688})] * 1.45 * 10^{0.028 * (25 - \text{MAX}(T, 7))}$$

(5) Early Life Stages present

$$CCC = [0.0577 / (1 + 10^{7.688 - pH})] + [2.487 / (1 + 10^{pH - 7.688})] * \text{MIN}(2.85, 1.45 * 10^{0.028 * (25 - T)})$$

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
AB Cr.	C	4.2	Mouth	32,37N,18W	Dallas	Camden		x	x			B			
Ackerman Ditch	C	14.1	Mouth	24,24N,6E	Butler		x	x	x			B			
Agee Cr.	C	4.8	Mouth	24,61N,34W	Andrew			x	x			B			
Alder Br.	C	4.7	2,34N,26W	5,34N,25W	Cedar			x	x			B			
Alder Cr.	C	11.4	Mouth	21,35N,28W	Cedar			x	x			B			
Allen Br.	P	1.8	Mouth	22,37N,1E	Washington			x	x			B			
Allen Br.	C	1.5	22,37N,1E	34,37N,1E	Washington			x	x			B			
Allen Br.	C	3.0	Mouth	05,34N,05E	St. Francois			x	x			B			
Alley Br.	P	1.5	Mouth	25,29N,5W	Shannon			x	x			B			
Alley Br.	C	2.6	25,29N,5W	22,29N,5W	Shannon			x	x			B			
Allie Cr.	C	2.6	Mouth	1,33N,10E	Cape Girardeau	Bollinger		x	x			B			
Anderson Br.	C	1.0	Mouth	31,45N,20W	Pettis			x	x			B			
Anderson Cr.	C	1.9	Mouth	31,33N,09W	Texas			x	x			B			
Andrews Br.	C	1.8	Mouth	Sur	St. Francois			x	x			B			
				3062,37N,6E											
Anthony Br.	P	0.5	Mouth	6,22N,5W	Oregon			x	x			B			
Antire Cr.	P	1.9	Mouth	34,44N,4E	St. Louis			x	x			B			
Apple Cr.	P	44.8	Mouth	21,34N,10E	Perry			x	x			A	x	x	
Apple Cr.	C	1.7	16,34N,10E	18,34N,10E	Perry			x	x			B			
Arapahoe Cr.	C	8.0	Mouth	11,61N,36W	Andrew			x	x			B			
Archer Cr.	P	1.2	Mouth	14,41N,20W	Benton			x	x			B			
Arnault Br.	P	2.2	Mouth	10,38N,2E	Washington			x	x			B			
Arnault Br.	C	1.0	10,38N,2E	15,38N,2E	Washington			x	x			B			
Arnold Cr.	C	1.1	Mouth	24,40N,1E	Washington			x	x			B			
Arthur Cr.	P	5.9	Mouth	14,31N,9W	Texas			x	x			B			
Arthur Cr.	C	2.5	14,31N,9W	25,31N,9W	Texas			x	x			B			
Ash Ditch	P	6.6	Mouth	13,25N,14E	New Madrid			x	x			B			
Ash Ditch	C	8.0	13,25N,14E	5,26N,15E	New Madrid	Mississippi		x	x			B			
Ash Slough Ditch	P	17.2	Mouth	35,26N,13E	New Madrid		x	x	x			B	x		
Asher Cr.	P	8.7	Mouth	4,30N,23W	Polk	Greene		x	x			B			
Asher Cr.	C	4.0	4,30N,23W	14,30N,23W	Greene			x	x			B			
Asher Cr.	P	1.0	Mouth	1,26N,7E	Wayne			x	x			B			
Asher Cr.	C	1.2	1,26N,7E	2,26N,7E	Wayne			x	x			B			
Asher Hollow Cr.	C	4.0	Mouth	24,37N,06W	Crawford	Phelps		x	x			B			
Ashley Br.	P	0.5	Mouth	30,39N,1W	Washington			x	x			B			
Ashley Br.	C	1.6	30,39N,1W	32,39N,1W	Washington			x	x			B			
Ashley Cr.	P	2.5	Mouth	35,32N,7W	Dent			x	x			B			
Ashly Br.	C	0.7	Mouth	27,38N,1E	Washington			x	x			B			
Aslinger Br.	P	1.0	Mouth	16,32N,8E	Madison			x	x			B			
Aslinger Br.	C	1.0	16,32N,8E	County Line	Madison			x	x			B			
Atwell Cr.	P	1.2	Mouth	2,38N,12W	Miller			x	x			B			
Atwell Cr.	C	2.0	2,38N,12W	11,38N,12W	Miller			x	x			B			
Auxvasse Cr.	P	8.2	Mouth	8,46N,8W	Callaway			x	x			B	x		
Auxvasse Cr.	C	39.9	8,46N,8W	22,49N,10W	Callaway			x	x			B			
Avery Hollow	C	0.9	Mouth	04,38N,03W	Crawford			x	x			B			
Bachelor Cr.	C	6.8	Mouth	19,49N,7W	Callaway			x	x			B			
Back Cr.	C	3.8	Mouth	11,35N,6E	St. Francois			x	x			B			
Bagby Br.	C	2.3	Mouth	1,52N,16W	Randolph			x	x			B			
Bailey Br.	P	1.8	Mouth	31,36N,1W	Washington			x	x			B			
Baileys Cr.	P	15.7	Mouth	5,44N,7W	Gasconade	Osage		x	x			B			
Baileys Cr.	C	6.6	5,44N,7W	20,44N,7W	Osage			x	x			B			

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

LWW-Livestock & Wildlife Watering

AQL-Protection of Warm Water Aquatic Life
and Human Health-Fish Consumption

CLF-Cool Water Fishery

CDF-Cold Water Fishery

WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

IND-Industrial

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Baker Br.	C	3.5	Mouth	35,38N,28W	St. Clair			x	x			B			
Baker Cr.	C	3.5	32,29N,15W	12,28N,16W	Wright			x	x			B			
Bald Ridge Cr.	C	10.0	Mouth	13,33N,11W	Pulaski	Texas		x	x			A			
Ball Pond Hollow	C	1.5	Mouth	32,24N,11W	Ozark			x	x			B			
Baltimore Cr.	C	2.0	Mouth	33,33N,9E	Bollinger			x	x			B			
Bank Br.	C	5.5	Mouth	35,37N,17W	Camden			x	x	x		B			
Bannister Hollow	C	4.3	Mouth	36,38N,19W	Camden			x	x			B			
Barber Cr.	C	9.1	Mouth	3,65N,22W	Sullivan	Putnam		x	x			B			
Barbers Cr.	C	3.3	Mouth	8,25N,19W	Christian			x	x			B			
Barker Cr.	C	15.0	Mouth	09,43N,23W	Henry	Pettis		x	x			B			
Barn Hollow	C	8.2	Mouth	18,27N,7W	Texas	Howell		x	x			B			
Barnes Cr.	C	1.4	Mouth	34,29N,7E	Wayne			x	x			B			
Barnes Cr.	C	1.0	Mouth	4,33N,6E	Madison			x	x			B			
Barney Cr.	C	4.8	Mouth	24,34N,3W	Dent			x	x			B			
Barnitz Prong	P	4.1	Mouth	21,34N,7W	Dent			x	x			B			
Barren Cr.	C	2.8	Mouth	3,33N,24W	Polk			x	x			B			
Barren Cr.	C	2.6	State Line	8,21N,11W	Ozark			x	x			B			
Barren Fk.	P	7.7	Mouth	30,39N,13W	Miller			x	x	x		A			
Barren Fk.	C	2.6	30,39N,13W	5,38N,13W	Miller			x	x			A			
Barren Fk.	C	4.4	Mouth	5,43N,4W	Franklin	Gasconade		x	x			B			
Barren Fk.	C	11.6	Mouth	10,23N,14W	Ozark			x	x			B			
Barren Fk.	P	2.0	Mouth	29,31N,4W	Shannon			x	x		x	B			
Barren Fk.	P	8.2	20,31N,4W	32,32N,4W	Shannon	Dent		x	x			B			
Barren Fk.	C	2.6	32,32N,4W	28,32N,4W	Dent			x	x			B			
Barren Hollow	C	0.5	Mouth	16,33N,5E	Madison			x	x			B			
Barret Hollow	C	1.5	Mouth	1,22N,15W	Ozark			x	x			B			
Bartlett Cr.	C	8.2	Mouth	9,49N,17W	Howard			x	x			B			
Basin Fk.	C	13.5	Mouth	17,44N,23W	Pettis			x	x			B			
Bass Cr.	C	4.4	Mouth	Hwy. 63	Boone			x	x			A			
Bates Cr.	P	1.8	Mouth	16,37N,2E	Washington			x	x			B			
Bates Cr.	C	3.2	16,37N,2E	28,37N,2E	Washington			x	x			B			
Batts Cr.	C	5.3	Mouth	19,52N,16W	Chariton	Howard		x	x			B			
Bauer Br.	C	3.0	Mouth	29,43N,21W	Benton			x	x			B			
Bay De Charles	P1	8.0	Mouth	14,58N,5W	Marion			x	x			A	x		
Baynham Br.	P	4.0	Mouth	17,26N,31W	Newton			x	x			B			
Bean Br.	C	8.7	Mouth	Hwy. 54	Audrain			x	x			B			
Bean Cr.	C	6.3	Mouth	9,32N,8W	Dent	Texas		x	x			B			
Bear Br.	C	3.6	Mouth	6,24N,15W	Ozark			x	x			B			
Bear Br.	C	2.2	Mouth	29,31N,3E	Reynolds	Iron		x	x			B			
Bear Br.	C	2.0	Mouth	19,44N,15W	Moniteau			x	x			B			
Bear Br.	C	1.5	Mouth	17,31N,10E	Bollinger			x	x			B			
Bear Camp Cr.	C	4.8	Mouth	31,26N,1E	Carter			x	x			B			
Bear Claw Spring	P	0.2	Mouth	33,30N,08W	Texas			x	x			B			
Bear Cr.	C	6.0	Mouth	31,49N,12W	Boone			x	x			B	x		
Bear Cr.	C	1.0	Mouth	31,40N,14W	Miller			x	x			B			
Bear Cr.	C	1.8	Mouth	31,43N,9W	Osage			x	x			B			
Bear Cr.	C	36.2	Mouth	8,61N,14W	Shelby	Adair	x	x	x			B			
Bear Cr.	C	9.4	Mouth	2,44N,28W	Johnson			x	x			B			
Bear Cr.	C	7.4	Mouth	17,40N,27W	Henry			x	x			B			
Bear Cr.	P	3.4	Mouth	15,38N,24W	St. Clair			x	x			A	x		
Bear Cr.	C	4.1	15,38N,24W	35,38N,24W	St. Clair			x	x			B	x		

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IRR LWW AQL CLF CDF WBC SCR DWS IND
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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

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Bear Cr.	C	5.6	Mouth	5,33N,28W	Cedar			x	x			B			
Bear Cr.	P	30.7	Mouth	20,33N,23W	Cedar	Polk		x	x			B			
Bear Cr.	C	12.7	Mouth	22,35N,15W	Pulaski	Laclede		x	x			B			
Bear Cr.	C	1.8	Mouth	25,29N,11W	Texas			x	x			B			
Bear Cr.	P	2.7	Mouth	36,47N,5W	Montgomery			x	x			B			
Bear Cr.	C	3.0	36,47N,5W	20,47N,4W	Montgomery	Warren		x	x			B			
Bear Cr.	C	16.1	Mouth	4,48N,4W	Lincoln	Montgomery		x	x			B			
Bear Cr.	C	3.0	Mouth	8,37N,4E	St. Francois			x	x			B			
Bear Cr.	P	18.3	Mouth	25,30N,6E	Bollinger	Wayne		x	x			A			
Bear Cr.	P	5.0	Mouth	18,24N,21W	Taney			x	x			A		x	
Bear Cr.	C	5.8	18,24N,21W	36,25N,22W	Taney	Christian		x	x			A		x	
Bear Cr.	C	9.8	Mouth	15,54N,36W	Platte			x	x			B			
Bear Cr.	P	1.5	Mouth	34,43N,04E	Jefferson			x	x			B			
Bear Cr.	C	4.5	Mouth	29,52N,19W	Saline			x	x			B			
Bear Cr.	C	20.0	Mouth	33,65N,10W	Lewis	Scotland		x	x			B			
Bear Cr.	C	9.4	Mouth	8,59N,19W	Linn			x	x			B			
Bear Cr.	P	2.1	Mouth	32,57N,4W	Marion			x	x			B			
Bear Cr.	C	8.5	32,57N,4W	29,57N,5W	Marion			x	x			B			
Bear Cr.	C	9.3	Mouth	32,46N,25W	Johnson			x	x			B			
Beaver Br.	P	2.0	Mouth	36,23N,33W	McDonald			x	x			B			
Beaver Br.	C	3.5	36,23N,33W	19,23N,32W	McDonald			x	x			B			
Beaver Br.	P	1.5	19,23N,32W	17,23N,32W	McDonald			x	x			B			
Beaver Cr.	P	24.1	Mouth	29,30N,12W	Wright	Texas		x	x		x	B			
Beaver Cr.	C	4.2	29,30N,12W	4,29N,12W	Wright			x	x			A			
Beaver Cr.	P	5.7	4,29N,12W	26,29N,12W	Wright	Texas		x	x			B			
Beaver Cr.	C	3.8	Mouth	33,37N,8W	Phelps			x	x			A			
Beaver Cr.	C	1.2	Mouth	14,40N,2W	Crawford			x	x			B			
Beaver Cr.	P	44.5	Mouth	23,27N,17W	Taney	Douglas	x	x	x		x	A		x	
Beaver Cr.	C	2.0	23,27N,17W	10,27N,17W	Douglas			x	x			B			
Beaver Dam Cr.	C	5.0	Mouth	Hwy. 54	Audrain			x	x			B			
Beaverdam Cr.	P	9.5	Mouth	9,24N,4E	Butler	Ripley	x	x	x			A			
Beaverdam Cr.	C	2.0	9,24N,4E	5,24N,4E	Ripley			x	x			B			
Beaverdam Cr.	C	5.7	Mouth	02,46N,23W	Pettis			x	x			B			
Becky Cobb Cr.	C	2.7	Mouth	29,23N,13W	Ozark			x	x			B			
Bee Br.	C	0.7	Mouth	32,46N,23W	Pettis			x	x			B			
Bee Br.	C	5.9	Mouth	06,47N,23W	Pettis			x	x			B			
Bee Br.	C	5.3	Mouth	20,37N,30W	Vernon			x	x			B			
Bee Br.	C	5.0	Mouth	10,55N,17W	Chariton			x	x			B			
Bee Cr.	C	5.8	Mouth	7,53N,10W	Monroe			x	x			B			
Bee Cr.	C	1.6	Mouth	17,23N,21W	Taney			x	x		x	B			
Bee Cr.	C	5.5	Mouth	5,21N,20W	Taney			x	x			A			
Bee Cr.	C	29.4	Mouth	11,55N,35W	Platte	Buchanan		x	x			B		x	
Bee Fk.	C	8.7	Mouth	30,32N,1W	Reynolds			x	x		x	A			
Bee Rock Hollow	C	1.4	Mouth	33,31N,07W	Texas			x	x			B			
Bee Run	C	2.1	Mouth	24,38N,04E	St. Francois			x	x			B			
Beecham Br.	C	1.6	Mouth	01,36N,29W	Vernon			x	x			B			
Beef Br.	P	2.5	Mouth	11,26N,33W	Newton			x	x			B			
Beehole Hollow	C	2.0	Mouth	33,26N,4E	Butler			x	x			B			
Beeler Br.	P	1.2	Mouth	7,28N,10W	Texas			x	x			B			
Beeler Br.	C	1.2	7,28N,10W	18,28N,10W	Texas			x	x			B			
Beeman Br.	P	1.0	14,23N,34W	24,23N,34W	McDonald			x	x			B			

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Belew Cr.	P	7.0	Mouth	28,41N,04E	Jefferson			x	x			B			
Bell Cr.	C	6.0	Mouth	09,37N,12W	Pulaski			x	x				x		
Bell Fountain Ditch	P	18.0	29,16N,9E	12,16N,11E	Dunklin	Pemiscot		x	x			B			
Belleau Cr.	C	5.1	Mouth	6,47N,4E	St. Charles			x	x			B			
Bellevue Cr.	C	1.5	32,35N,3E	Sur	Iron			x	x			B			
				2113,35N,3E											
Ben Br.	C	1.0	Mouth	22,44N,8W	Osage			x	x			B			
Bender Cr.	P	4.3	Mouth	13,31N,9W	Texas			x	x			B			
Bender Cr.	C	3.4	13,31N,9W	5,31N,8W	Texas			x	x			B			
Bennett Cr.	C	2.5	Mouth	30,30N,6E	Wayne			x	x			B			
Bennett Hollow	C	1.8	Mouth	13,23N,15W	Ozark			x	x			B			
Bennett Springs Cr.	P	1.6	Mouth	Bennett Springs	Laclede	Dallas		x	x		x	B			
Bennetts Bayou	P	5.3	State Line	30,22N,10W	Ozark	Howell		x	x			B			
Bennetts Bayou	C	3.0	30,22N,10W	16,22N,10W	Howell			x	x			B			
Bennetts R.	C	5.0	State Line	24,22N,10W	Howell			x	x			B			
Benton Br.	P	0.5	Mouth	11,34N,19W	Dallas			x	x			B			
Benton Br.	C	1.0	11,34N,19W	11,34N,19W	Dallas			x	x			B			
Benton Cr.	P	6.8	Mouth	29,36N,5W	Crawford			x	x			A			
Benton Cr.	C	2.0	29,36N,5W	31,36N,5W	Crawford			x	x			B			
Big Barren Cr.	C	23.4	Mouth	32,26N,2W	Ripley	Carter		x	x	x		A			
Big Berger Cr.	P	12.5	Mouth	26,45N,4W	Franklin			x	x			B			
Big Berger Cr.	C	8.8	26,45N,4W	17,44N,4W	Franklin	Gasconade		x	x			B			
Big Blue Br.	P	0.8	Mouth	12,31N,9E	Bollinger			x	x			B			
Big Blue Br.	C	1.5	12,31N,9E	6,31N,10E	Bollinger			x	x			B			
Big Bottom Cr.	C	1.5	Mouth	Lake Anne	Ste. Genevieve			x	x				x		
Big Bottom Cr.	C	2.1	Lake Anne	13,37N,07E	Ste. Genevieve			x	x			B			
Big Br.	C	0.5	Mouth	22,43N,04W	Franklin			x	x			B			
Big Br.	C	2.8	Mouth	22,46N,11W	Callaway			x	x			B			
Big Branch	C	3.4	Mouth	23,44N,04W	Franklin			x	x			B			
Big Brushy Cr.	P	9.2	Mouth	9,27N,3E	Wayne	Carter		x	x			A			
Big Brushy Cr.	C	7.6	9,27N,3E	4,27N,2E	Carter			x	x			B			
Big Buffalo Cr.	P	5.6	Mouth	06,41N,19W	Benton	Morgan		x	x	x		B	x		
Big Buffalo Cr.	C	2.8	06,41N,19W	28,42N,19W	Morgan		x	x	x			B			
Big Cane Cr.	C	4.9	State Line	26,22N,5E	Butler		x	x	x			B			
Big Cr.	P	70.5	Mouth	34,47N,31W	Henry	Jackson		x	x			B			
Big Cr.	C	3.3	Mouth	16,42N,3W	Franklin			x	x				x		
Big Cr.	P	10.3	Mouth	25,48N,1W	Lincoln			x	x			A	x		
Big Cr.	C	17.7	25,48N,1W	8,47N,2W	Lincoln	Warren		x	x			B	x		
Big Cr.	C	2.0	Mouth	3,22N,25W	Barry			x	x			B			
Big Cr.	C	9.0	Mouth	25,23N,17W	Taney			x	x			A			
Big Cr.	P	23.0	Mouth	5,31N,2W	Shannon			x	x			A			
Big Cr.	C	28.7	Mouth	5,29N,8W	Shannon	Texas		x	x	x		B			
Big Cr.	P	34.1	Mouth	23,33N,3E	Wayne	Iron		x	x	x		A	x		
Big Cr.	C	0.8	23,33N,3E	23,33N,3E	Iron			x	x			B			
Big Cr.	C	4.3	34,47N,31W	20,47N,31W	Jackson			x	x			B			
Big Cr.	P	31.5	Mouth	9,63N,28W	Daviess	Harrison		x	x			B		x	
Big Cr.	C	1.5	9,54N,23W	17,54N,23W	Carroll			x	x			B			
Big Cr.	P	31.6	Mouth	9,54N,23W	Carroll			x	x			B			
Big Cr.	P	6.1	Mouth	29,31N,7E	Wayne	Madison		x	x			A			
Big Cr. Cutoff	C	1.5	Mouth	1,30N,3E	Iron			x	x			B			
Big Deer Cr.	C	4.6	Mouth	27,42N,31W	Bates			x	x			B			

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Big George Br.	C	3.0	Mouth	18,32N,28W	Barton	Dade		x	x			B			
Big Gulch	C	2.2	Mouth	3,27N,11W	Douglas			x	x			B			
Big Hollow	C	3.2	Mouth	23,22N,21W	Taney			x	x			B			
Big Hollow Br.	C	2.0	Mouth	17,32N,10E	Bollinger			x	x			B			
Big Hunting Slough	C	15.9	Mouth	24,23N,6E	Butler			x	x			B			
Big Lake Bayou	C	11.3	Mouth	25,27N,15E	Mississippi			x	x			B			
Big Lake Cr.	P	6.4	Mouth	19,28N,5E	Wayne			x	x			B			
Big Lake Cr.	C	4.4	19,28N,5E	36,29N,4E	Wayne			x	x			B			
Big Lead Cr.	C	5.0	27,50N,2W	18,50N,2W	Lincoln			x	x			B			
Big Muddy Cr.	P	8.0	Mouth	33,60N,27W	Daviess			x	x			B			
Big Muddy Cr.	C	12.0	33,60N,27W	09,61N,27W	Daviess			x	x				x		
Big Muddy Cr.	P	10.2	Mouth	11,64N,30W	Gentry			x	x			B			
Big Muddy Cr.	C	10.9	11,64N,30W	3,65N,29W	Gentry	Harrison		x	x			B			
Big No Cr.	C	4.9	Mouth	26,63N,23W	Grundy			x	x			B			
Big Otter Cr.	C	2.0	Mouth	31,40N,25W	Henry			x	x			B			
Big Paddy Cr.	C	4.0	Mouth	32,33N,10W	Texas			x	x			B			
Big Piney R.	P	96.8	Mouth	16,29N,10W	Pulaski	Texas	x	x	x	x		A	x	x	
Big Piney R.	P	7.8	16,29N,10W	12,28N,11W	Texas			x	x			A	x	x	
Big R.	P	55.6	Mouth	Sur	Jefferson		x	x	x	x		A	x		x
Big R.	P	81.3	Sur 3166, 40N,3E	12,35N,1E	Jefferson	Washington		x	x			A			x
Big R.	C	2.8	12,35N,1E	Council Bluff Lk. D.	Washington	Iron		x	x			B			
Big R.	C	2.0	Mouth	32,35N,1E	Iron			x	x			B			
Big River Cr.	C	0.7	Mouth	04,40N,05W	Gasconade			x	x			B			
Big Rock Cr.	C	5.9	8,65N,30W	36,66N,30W	Worth			x	x			B			
Big Rock Cr.	P	3.7	Mouth	8,65N,30W	Worth			x	x			B			
Big Sugar Cr.	P	39.3	Mouth	26,21N,29W	McDonald	Barry	x	x	x	x		A	x		
Big Sugar Cr.	C	4.9	26,21N,29W	20,21N,28W	Barry			x	x			B			
Big Tavern Cr.	C	3.2	Mouth	23,46N,7W	Callaway			x	x			B			
Bigelow's Cr.	C	5.0	Mouth	15,44N,01E	St. Charles			x	x			B	x		
Billies Cr.	C	6.6	Mouth	36,29N,25W	Lawrence			x	x			B			
Billy Cr.	C	5.5	Mouth	6,62N,16W	Adair			x	x			B			
Billys Br.	C	11.5	Mouth	19,59N,13W	Macon			x	x			B			
Billy's Br.	C	1.6	06,37N,01W	05,37N,01W	Washington			x	x			B			
Billy's Br.	P	2.4	Mouth	06,37N,01W	Crawford	Washington		x	x			B			
Birch Cr.	C	4.5	Mouth	6,42N,1E	Franklin			x	x			B			
Bird Br.	C	1.0	Mouth	14,41N,22W	Benton			x	x			B			
Birkhead Br.	C	2.0	Mouth	17,49N,02E	Lincoln			x	x				x		
Bitterroot Cr.	C	3.0	Mouth	30,37N,33W	Vernon			x	x			B			
Black Cr.	P	19.4	Mouth	29,58N,10W	Shelby			x	x			B			
Black Cr.	C	21.8	29,58N,10W	11,59N,12W	Shelby			x	x			B			
Black Cr.	C	7.3	Mouth	35,43N,32W	Cass			x	x			B			
Black Cr.	P	1.6	Mouth	21,45N,6E	St. Louis			x	x			B	x		
Black Jack Cr.	C	5.0	Mouth	16,47N,25W	Johnson			x	x			B			
Black R.	P	26.9	7,29N,3E	17,32N,2E	Reynolds		x	x	x	x		A	x		x
Black R.	P	47.1	State Line	16,25N,6E	Butler		x	x	x	x		A	x	x	
Black R.	P	39.0	16,25N,6E	Clearwater Dam	Butler	Wayne	x	x	x	x		A	x	x	
Black R. Ditch	P	11.1	State Line	32,23N,7E	Butler		x	x	x			B			
Blackberry Cr.	C	6.5	Mouth	28,30N,33W	Jasper			x	x			B			

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CLF-Cool Water Fishery

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SCR-Secondary Contact Recreation

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IND-Industrial

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Blackbird Cr.	P	9.4	Mouth	2,64N,17W	Adair	Putnam		x	x			A			
Blackwater R.	P	79.4	Mouth	12,46N,27W	Cooper	Johnson	x	x	x			A	x	x	
Blair Cr.	P	8.2	Mouth	31,30N,2W	Shannon			x	x			B			
Blair Cr.	C	4.3	31,30N,2W	18,30N,2W	Shannon			x	x			B			
Blair Hollow	C	1.5	Mouth	1,22N,12W	Ozark			x	x			B			
Blay Cr.	C	2.0	Mouth	36,37N,3E	St. Francois	Washington		x	x			B			
Block Br.	P	0.6	Mouth	18,41N,04W	Gasconade			x	x			B			
Block Br.	C	1.6	18,41N,04W	11,41N,05W	Gasconade			x	x			B			
Bloom Cr.	C	3.0	Mouth	36,36N,7E	Ste. Genevieve			x	x			B			
Blue Cr.	P	1.5	Mouth	6,33N,9E	Bollinger			x	x			B			
Blue Cr.	C	1.0	6,33N,9E	7,33N,9E	Bollinger			x	x			B			
Blue Cr.	C	1.7	Mouth	31,46N,8W	Callaway			x	x			B			
Blue Cr.	P	1.8	Mouth	5,50N,17W	Howard			x	x			B			
Blue Cr.	C	2.6	5,50N,17W	4,50N,17W	Howard			x	x			B			
Blue Ditch	P	5.8	Mouth	14,27N,14E	Scott		x	x	x			B	x		
Blue Ditch	C	5.8	14,27N,14E	29,28N,14E	Scott		x	x	x			B	x		
Blue R.	P	4.4	Mouth	6,49N,32W	Jackson			x	x			B			x
Blue R.	P	9.4	6,49N,32W	2,48N,33W	Jackson			x	x			B	x		x
Blue R.	P	7.7	2,48N,33W	28,48N,33W	Jackson			x	x			A	x		
Blue R.	C	12.0	28,48N,33W	State Line	Jackson			x	x			B	x		
Blue Shawnee Cr.	P	1.6	8,33N,13E	17,33N,13E	Cape Girardeau			x	x			B			
Blue Shawnee Cr.	C	2.5	17,33N,13E	29,33N,13E	Cape Girardeau			x	x			B			
Blue Spring Cr.	P	1.5	Mouth	35,41N,16W	Miller			x	x			B			
Blue Spring Cr.	C	0.5	35,41N,16W	26,41N,16W	Miller			x	x			B			
Blue Spring Slough	C	15.8	34,24N,7E	35,26N,7E	Butler			x	x			B			
Blue Springs Cr.	P	4.3	Mouth	2,39N,3W	Crawford			x	x		x	A			
Blue Springs Cr.	C	1.2	2,39N,3W	3,39N,3W	Crawford			x	x			B			
Bluewater Cr.	C	1.5	Mouth	11,26N,6E	Wayne	Butler		x	x			B			
Blythes Cr.	P	6.9	Mouth	27,42,15W	Moniteau	Miller		x	x			B	x		
Bobs Cr.	P1	4.9	Mouth	Sur 306,49N,2E	Lincoln			x	x			B			
Bobs Cr.	P	1.7	Sur 306,49N,2E	34,49N,2E	Lincoln			x	x			B			
Bobs Cr.	C	14.2	34,49N,2E	27,50N,1E	Lincoln			x	x			B	x		
Boeuf Cr.	P	30.7	Mouth	22,43N,4W	Franklin		x	x	x			A			
Boeuf Cr.	C	8.5	15,43N,4W	5,42N,4W	Gasconade			x	x			B			
Boiling Spr. Hollow	C	1.5	Mouth	3,36N,1W	Washington			x	x			B			
Boiling Spring	P	0.1	Mouth	24,32N,10W	Texas			x	x			B			
Bois Brule Cr.	P	1.8	Mouth	20,42N,12W	Cole			x	x			B			
Bois Brule Cr.	C	9.5	20,42N,12W	20,42N,13W	Cole			x	x			B			
Bois Brule Ditch	P	4.7	Mouth	16,36N,11E	Perry			x	x			B			
Bollinger Br.	C	3.0	Mouth	15,24N,12W	Ozark			x	x			B			
Bollinger Cr.	C	2.4	5,39N,18W	7,39N,18W	Camden			x	x			B			
Bones Br.	C	8.3	Mouth	29,41N,31W	Bates			x	x			B			
Bonhomme Cr.	C	2.5	Mouth	Sur	St. Louis			x	x			B			
				2031,45N,4E											
Bonne Femme Cr.	P	7.8	Mouth	20,47N,12W	Boone			x	x			A			
Bonne Femme Cr.	C	7.0	20,47N,12W	2,47N,12W	Boone			x	x			B			
Bonne Femme Cr.	P	24.0	Mouth	36,51N,16W	Howard			x	x			B			
Bonne Femme Cr.	C	13.0	36,51N,16W	22,52N,15W	Howard	Randolph		x	x			B			
Boone Cr.	P	3.8	Mouth	16,32N,9W	Texas			x	x			B			
Boone Cr.	C	1.7	16,32N,9W	15,32N,9W	Texas			x	x			B			
Boone Cr.	P	3.5	Mouth	29,41N,3W	Franklin			x	x			B			

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Boone Cr.	C	8.0	29,41N,3W	15,40N,3W	Franklin			x	x			B			
Boones Br.	C	2.5	Mouth	5,49N,17W	Howard			x	x			B			
Bounds Cr.	C	2.2	Mouth	30,29N,6E	Wayne			x	x			B			
Bourbeuse R.	P	136.7	Mouth	4,39N,6W	Franklin	Phelps	x	x	x	x		A	x	x	
Bourbeuse R.	C	11.1	4,39N,6W	12,38N,7W	Phelps			x	x	x		B			
Bourne Cr.	P	1.9	Mouth	15,42N,4E	Jefferson			x	x			B			
Bradley Br.	C	2.2	Mouth	7,45N,26W	Johnson			x	x			B			
Brashear Hollow	C	0.9	Mouth	33,39N,15W	Camden			x	x			B			
Brawley Cr.	C	2.8	Mouth	26,45N,26W	Johnson			x	x			B	x		
Bray Hollow	C	1.0	Mouth	27,23N,15W	Ozark			x	x			B			
Brazeau Cr.	P	10.8	Mouth	17,34N,13E	Perry			x	x			B			
Brazil Cr.	P	13.9	Mouth	27,38N,1W	Crawford	Washington		x	x			A			
Brazil Cr.	C	1.8	27,38N,1W	26,38N,1W	Washington			x	x			B			
Brewer Lake	P	3.5	8,26N,18E	36,27N,17E	Mississippi			x	x			B			
Brewer Lake Ditch	C	4.5	5,26N,18E	20,26N,18E	Mississippi			x	x			B			
Brewers Cr.	P	2.5	Mouth	29,34N,5E	Madison			x	x			B			
Brewers Cr.	C	1.0	29,34N,5E	19,34N,5E	Madison			x	x			B			
Briar Cr.	C	6.4	Mouth	13,23N,1E	Ripley			x	x			B			
Brickley Hollow	C	0.8	Mouth	35,41N,21W	Benton			x	x			B			
Bridge Cr.	C	1.7	Mouth	36,55N,23W	Carroll			x	x			B			
Bridge Cr.	C	8.4	Mouth	7,65N,13W	Scotland	Schuyler		x	x			B			
Bridge Cr.	C	27.0	Mouth	13,63N,12W	Lewis	Knox		x	x			B			
Bridges Cr.	C	6.4	Mouth	17,22N,11W	Ozark			x	x			B			
Bright Hollow	C	2.0	Mouth	32,25N,20W	Taney	Christian		x	x			B			
Brixey Cr.	C	2.5	Mouth	17,24N,13W	Ozark			x	x			B			
Broadus Br.	C	2.1	Mouth	15,37N,18W	Camden			x	x			B			
Brock Cr.	P	3.2	Mouth	3,35N,1E	Washington			x	x			B			
Brock Cr.	C	1.5	3,35N,1E	4,35N,1E	Washington			x	x			B			
Browning Hollow	C	1.0	Mouth	20,26N,26W	Lawrence			x	x			B			
Browns Br.	C	2.5	Mouth	6,43N,1E	Franklin			x	x			B			
Browns Br.	C	3.7	6,43N,1E	13,43N,01W	Franklin			x	x			B			
Brush Cr.	C	5.3	Mouth	14,56N,10W	Monroe			x	x			B			
Brush Cr.	C	3.4	Mouth	2,53N,9W	Monroe			x	x			B			
Brush Cr.	C	0.8	Mouth	32,40N,17W	Camden			x	x			B			
Brush Cr.	P	2.2	Mouth	19,42N,23W	Henry	Benton		x	x			B			
Brush Cr.	C	2.3	Mouth	27,38N,25W	St. Clair	Polk		x	x			B			
Brush Cr.	P	12.2	Mouth	31,36N,24W	St. Clair			x	x	x		A			
Brush Cr.	P	4.7	31,36N,24W	16,35N,24W	St. Clair	Polk		x	x			B			
Brush Cr.	P	3.5	Mouth	18,42N,8W	Osage			x	x			B			
Brush Cr.	C	2.4	18,42N,8W	11,42N,9W	Osage			x	x			B			
Brush Cr.	P	6.5	Mouth	27,33N,16W	Laclede			x	x			B			
Brush Cr.	C	2.5	27,33N,16W	32,33N,16W	Laclede			x	x			B	x		
Brush Cr.	C	2.5	Mouth	11,43N,2E	St. Louis	Franklin		x	x			B			
Brush Cr.	C	7.8	Mouth	10,49N,4W	Montgomery			x	x			B			
Brush Cr.	P	1.4	Mouth	3,40N,1W	Franklin			x	x			B			
Brush Cr.	C	2.0	3,40N,1W	10,40N,1W	Franklin			x	x			B			
Brush Cr.	C	1.3	Mouth	26,41N,6W	Gasconade			x	x			B			
Brush Cr.	P	17.5	Mouth	Indian Lake Dam	Gasconade	Crawford		x	x			A			
Brush Cr.	C	2.0	23,39N,5W	27,39N,5W	Crawford			x	x			B			
Brush Cr.	P	7.4	Mouth	11,25N,13W	Ozark	Douglas		x	x			B			

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Brush Cr.	C	1.5	11,25N,13W	1,25N,13W	Douglas			x	x			B			
Brush Cr.	C	7.4	Mouth	8,51N,34W	Platte			x	x			B	x		
Brush Cr.	C	2.3	Mouth	24,28N,8E	Wayne			x	x			B			
Brush Cr.	C	8.0	19,42N,23W	35,43N,23W	Benton			x	x			B			
Brush Cr.	P	1.8	Mouth	17,43N,10W	Osage			x	x			B			
Brush Cr.	C	2.0	16,35N,24W	22,35N,24W	Polk			x	x			B			
Brush Cr.	C	5.9	Mouth	36,50N,27W	Lafayette			x	x			B			
Brush Cr.	C	4.5	Mouth	26,66N,25W	Mercer			x	x			B			
Brush Cr.	C	5.0	Mouth	8,65N,26W	Harrison			x	x			B			
Brush Cr.	C	26.3	Mouth	2,59N,17W	Chariton	Macon		x	x			B			
Brush Cr.	P	0.5	Mouth	27,43N,14W	Cole			x	x			B			
Brush Cr.	C	5.0	27,43N,14W	16,42N,14W	Cole	Miller		x	x			B			
Brush Fk.	C	1.4	Mouth	23,45N,06W	Gasconade			x	x			B			
Brushy Br.	C	1.5	Mouth	1,42N,6W	Gasconade			x	x			B			
Brushy Br.	C	1.8	Mouth	11,49N,7W	Callaway			x	x			B			
Brushy Cr.	P	1.4	Mouth	04,40N,20W	Benton			x	x			B			
Brushy Cr.	P	3.5	Mouth	5,30N,9W	Texas			x	x			B			
Brushy Cr.	C	3.8	5,30N,9W	14,30N,09W	Texas			x	x			B			
Brushy Cr.	C	3.0	Mouth	Sur	Lincoln			x	x			B			
				1708,51N,1W											
Brushy Cr.	C	3.0	Mouth	4,43N,2W	Franklin			x	x			B	x		
Brushy Cr.	C	1.9	Mouth	7,35N,9E	Ste. Genevieve			x	x			B			
Brushy Cr.	C	6.4	Mouth	31,24N,17W	Taney			x	x			B			
Brushy Cr.	P	3.0	Mouth	17,30N,3W	Shannon			x	x			B			
Brushy Cr.	C	1.6	17,30N,3W	16,30N,3W	Shannon			x	x			B			
Brushy Cr.	C	4.5	Mouth	25,33N,1W	Reynolds			x	x			B			
Brushy Cr.	P	3.0	Mouth	28,27N,4E	Wayne			x	x			A			
Brushy Cr.	C	1.9	28,27N,4E	30,27N,4E	Wayne			x	x			A			
Brushy Cr.	C	1.0	Mouth	34,31N,4E	Iron			x	x			B			
Brushy Cr.	C	12.1	Mouth	State Line	Nodaway	Worth		x	x			B			
Brushy Cr.	C	1.5	Mouth	27,46N,23W	Pettis			x	x			B			
Brushy Cr.	C	7.0	Mouth	18,54N,29W	Caldwell	Ray		x	x			B	x		
Brushy Cr.	C	0.5	32,46N,21W	5,45N,21W	Pettis			x	x			B			
Brushy Cr.	C	2.2	Mouth	1,52N,32W	Clay			x	x			B			
Brushy Cr.	C	5.4	Mouth	30,60N,26W	Daviess			x	x			B			
Brushy Cr.	C	8.1	Mouth	8,57N,29W	Caldwell			x	x			B			
Brushy Cr.	C	4.5	Mouth	36,65N,14W	Schuyler			x	x			B			
Brushy Cr.	C	5.2	Mouth	7,46N,11W	Boone			x	x			B			
Brushy Cr.	P	3.8	Mouth	SW	Pettis			x	x			B			
				32,46N,21W											
Brushy Fk.	C	5.0	Mouth	12,39N,14W	Miller			x	x	x		A			
Brushy Fk.	C	1.0	Mouth	12,38N,1W	Washington			x	x			B			
Brushy Fk.	C	4.0	Mouth	21,49N,2E	Lincoln			x	x			B			
Brushy Hollow	C	1.0	Mouth	25,23N,15W	Ozark			x	x			B			
Brushy Hollow Br.	P	1.3	Mouth	Sur 430,37N,2E	Washington			x	x			B			
Bryant Cr.	P	16.4	Mouth	3,23N,12W	Ozark	Douglas		x	x	x		A	x		
Bryant Cr.	P	1.0	3,23N,12W	34,24N,12W	Ozark			x	x		x	A	x		
Bryant Cr.	P	44.8	34,24N,12W	17,27N,15W	Ozark	Douglas		x	x	x		A	x		
Bryants Cr.	C	15.9	Mouth	28,51N,1E	Pike	Lincoln		x	x			B			
Buchler Cr.	P	1.4	Mouth	14,42N,09W	Osage			x	x			B			
Buck Br.	C	5.5	Mouth	18,29N,31W	Jasper			x	x			B			

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Buck Cr.	C	1.5	Mouth	23,42N,8W	Osage			x	x			B			
Buck Cr.	C	1.0	Mouth	14,40N,5E	Jefferson			x	x			B			
Buck Cr.	P	4.0	Mouth	24,33N,9E	Bollinger			x	x			B			
Buck Cr.	C	1.2	24,33N,9E	14,33N,9E	Bollinger			x	x			B			
Buck Elk Br.	C	1.0	Mouth	11,41N,8W	Osage			x	x			B			
Buck Elk Cr.	P	1.5	Mouth	9,41N,8W	Osage			x	x			B			
Buck Elk Cr.	C	1.0	9,41N,8W	10,41N,8W	Osage			x	x			B			
Buckeye Cr.	P	3.4	Mouth	14,33N,12E	Cape Girardeau			x	x			B			
Buckeye Cr.	C	2.6	Hwy 61	26,33N,12E	Cape Girardeau			x	x			B			
Bucklick Cr.	C	5.4	Mouth	30,44N,2W	Franklin			x	x			B			
Buffalo Cr.	P	3.4	Mouth	5,53N,1W	Pike			x	x			B			
Buffalo Cr.	C	3.7	5,53N,1W	19,53N,1W	Pike			x	x			B			
Buffalo Cr.	P	5.4	Mouth	20,24N,1E	Ripley		x	x	x			B			
Buffalo Cr.	P	10.7	State Line	7,23N,33W	McDonald		x	x	x	x	x	A	x		
Buffalo Cr.	P	8.0	5,23N,33W	14,24N,33W	McDonald	Newton	x	x	x	x		A	x		
Buffalo Cr.	C	1.7	14,24N,33W	12,24N,33W	Newton			x	x			B			
Buffalo Cr.	C	2.1	Mouth	28,48N,22W	Saline	Pettis		x	x			B			
Buffalo Ditch	P	17.3	State Line	11,18N,9E	Dunklin			x	x			B			
Buffalo Ditch	C	3.0	11,18N,9E	36,19N,9E	Dunklin			x	x			B			
Bull Cr.	P	5.0	Mouth	34,24N,21W	Taney		x	x	x		x	A	x		
Bull Cr.	P	18.9	34,24N,21W	33,26N,20W	Taney	Christian	x	x	x	x		A	x		
Bull Cr.	C	3.2	33,26N,20W	22,26N,20W	Christian			x	x			A			
Bullskin Cr.	P	4.9	Mouth	26,24N,32W	McDonald	Newton	x	x	x			B			
Buncomb Br.	C	1.2	Mouth	25,48N,23W	Pettis			x	x			B			
Burgher Br.	C	1.5	Mouth	07,37N,07W	Phelps			x	x			B	x		
Burkhart Br.	C	3.7	Mouth	12,31N,12W	Texas			x	x						
Burney Br.	C	4.5	Mouth	21,31N,24W	Dade	Greene		x	x			B			
Burr Oak Cr.	C	6.8	Mouth	19,49N,31W	Jackson			x	x			B			
Burr Oak Cr.	C	2.0	Mouth	33,54N,25W	Carroll			x	x			B			
Burris Fk.	C	8.0	10,43N,16W	25,43N,17W	Moniteau	Morgan		x	x			B			
Burris Fk.	P	13.2	Mouth	10,43N,16W	Moniteau			x	x			A	x		
Burton Br.	C	2.0	Mouth	13,31N,10W	Texas			x	x						
Busch Cr.	C	2.0	Mouth	23,44N,1W	Franklin			x	x			B			
Butcher Br.	P	1.4	Mouth	12,40N,03E	Jefferson			x	x			B			
Butcher Cr.	C	1.0	Mouth	15,48N,1E	Lincoln			x	x			B			
Butler Cr.	C	4.0	State Line	17,21N,27W	Barry			x	x			B			
Butler Cr.	P	3.9	Mouth	State Line	McDonald		x	x	x	x		A			
Bynum Cr.	C	5.9	Mouth	16,49N,9W	Callaway			x	x			B			
Byrd Cr.	P	14.6	Mouth	Sur	Cape Girardeau			x	x			B			
Byrd Cr.	C	1.5	Sur	325,32N,12E	Cape Girardeau			x	x			B			
Cabanne Course	C	1.5	Mouth	3,37N,4E	St. Francois			x	x			B			
Cache R. Ditch	C	7.7	State Line	36,23N,7E	Butler		x	x	x			B			
Cadet Cr.	P	2.1	Mouth	34,44N,10W	Osage			x	x			B			
Cadet Cr.	C	1.0	34,44N,10W	26,44N,10W	Osage			x	x			B			
Cadet Cr.	P	2.0	Mouth	27,38N,3E	Washington			x	x			B			
Cahoonie Cr.	C	4.0	Mouth	9,36N,20W	Dallas			x	x			B			
Calico Cr.	C	5.4	Mouth	02,39N,02E	Jefferson	Washington		x	x			A			
California Br.	C	2.7	Mouth	17,40N,1E	Franklin	Washington		x	x			B			
Callahan Cr.	C	13.8	Mouth	23,50N,14W	Boone			x	x				x		
Callaway Fk.	C	4.5	Mouth	6,45N,2E	St. Charles			x	x			B			

IRR LWW AQL CLF CDF WBC SCR DWS IND

IRR-Irrigation

LWW-Livestock & Wildlife Watering

AQL-Protection of Warm Water Aquatic Life
and Human Health-Fish Consumption

CLF-Cool Water Fishery

CDF-Cold Water Fishery

WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation

DWS-Drinking Water Supply

IND-Industrial

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Calton Cr.	C	5.5	Mouth	16,25N,26W	Barry			x	x			B		x	
Calumet Cr.	P	1.8	Mouth	18,53N,1E	Pike			x	x			B			
Calumet Cr.	C	4.0	18,53N,1E	26,53N,1W	Pike			x	x			B			
Calvey Cr.	P	3.0	Mouth	4,42N,2E	Franklin			x	x			B			
Calvey Cr.	C	4.5	4,42N,2E	13,42N,2E	Franklin			x	x			B			
Camp Br.	C	16.1	Mouth	33,45N,30W	Johnson	Cass		x	x			B			
Camp Br.	C	7.3	Mouth	20,39N,29W	Bates			x	x			B			
Camp Br.	C	4.0	Mouth	27,48N,3W	Warren			x	x			B			
Camp Br.	C	4.2	Smithvle Lk	36,54N,32W	Clay			x	x			B			
Camp Br.	C	3.5	Mouth	35,29N,10W	Texas			x	x						
Camp Br.	C	10.1	Mouth	24,45N,23W	Pettis			x	x			B			
Camp Cr.	C	3.2	Mouth	23,38N,9W	Phelps			x	x			B			
Camp Cr.	P	6.3	Mouth	26,49N,3W	Lincoln	Warren		x	x			B			
Camp Cr.	C	6.0	26,49N,3W	16,48N,3W	Warren			x	x			B			
Camp Cr.	C	1.0	Mouth	16,25N,21W	Christian			x	x			B			
Camp Cr.	P	5.3	Mouth	34,30N,4E	Wayne			x	x			B			
Camp Cr.	C	1.3	34,30N,4E	33,30N,4E	Wayne			x	x			B			
Camp Cr.	C	2.0	28,36N,6E	29,36N,06E	St. Francois			x	x			B			
Camp Cr.	C	5.5	Mouth	24,50N,20W	Saline			x	x			B			
Campbell Br.	C	2.3	Mouth	7,48N,2E	Lincoln			x	x			B			
Campbell Cr.	C	2.8	Mouth	19,61N,30W	Gentry			x	x						
Campbell Cr.	C	5.9	Mouth	24,56N,23W	Livingston			x	x			B			
Cane Cr.	P	8.7	Mouth	Sur	Cape Girardeau			x	x			B			
				3146,32N,12E											
Cane Cr.	C	4.0	Sur 3146, 32N,12E	7,32N,13E	Cape Girardeau			x	x			B			
Cane Cr.	C	4.0	Mouth	28,23N,18W	Taney			x	x	x		B			
Cane Cr.	P	27.5	30,23N,6E	5,25N,5E	Butler		x	x	x	x		A		x	
Cane Cr.	C	15.9	5,25N,5E	15,26N,3E	Butler	Carter		x	x	x		A			
Cane Cr.	C	9.8	Mouth	30,23N,6E	Butler		x	x	x			B			
Cane Cr.	C	3.6	6,29N,10E	27,30N,9E	Bollinger			x	x			B			
Cane Cr.	P	8.4	Mouth	6,29N,10E	Bollinger			x	x			B			
Cane Cr. Ditch	P	7.5	State Line	30,23N,6E	Butler		x	x	x			B		x	
Caney Cr.	C	3.0	Mouth	11,24N,17W	Taney			x	x			A			
Caney Cr.	C	7.0	Mouth	5,23N,13W	Ozark			x	x			B			
Caney Cr.	C	11.5	9,28N,12E	36,29N,13E	Scott			x	x					x	
Caney Fk.	P	5.3	Mouth	3,32N,11E	Cape Girardeau			x	x			B			
Caney Fk.	C	4.0	3,32N,11E	28,33N,11E	Cape Girardeau			x	x			B			
Cannon Br.	P	0.8	Mouth	17,36N,25W	St. Clair			x	x			B			
Cantrell Cr.	P	7.8	Mouth	07,30N,16W	Webster			x	x			B			
Cantrell Cr.	C	5.9	07,30N,16W	32,30N,16W	Webster			x	x			B			
Cape Cr.	P	1.0	Mouth	22,33N,8E	Madison			x	x			B			
Cape Cr.	C	0.5	22,33N,8E	22,33N,8E	Madison			x	x			B			
Cape La Croix Cr.	P	7.2	Mouth	Sur	Cape Girardeau			x	x			B			
				3314,31N,13E											
Capps Cr.	P	5.0	Mouth	17,25N,28W	Newton	Barry	x	x	x		x	A		x	
Captain Cr.	C	1.0	Mouth	24,32N,5E	Madison			x	x			B			
Carney Cr.	C	4.5	Mouth	3,24N,25W	Barry			x	x			B		x	
Carroll Cr.	C	9.4	Mouth	04,53N,30W	Clay			x	x			B			
Carter Cr.	C	1.0	Mouth	5,39N,2W	Crawford			x	x			B			
Carter Cr.	C	6.0	Mouth	4,27N,1E	Carter			x	x			B			

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Carver Br.	P	3.0	Mouth	13,26N,32W	Newton			x	x			A			
Carver Cr.	P	1.6	Mouth	28,32N,3E	Iron			x	x			B			
Carver Cr.	C	4.0	28,32N,3E	16,32N,3E	Iron			x	x			B			
Casmer Br.	C	1.5	Mouth	12,48N,2W	Lincoln			x	x			B			
Cason Br.	C	2.5	Mouth	21,45N,10W	Callaway			x	x						
Castile Cr.	C	40.2	Mouth	24,58N,32W	Buchanan	Dekalb		x	x			B	x	x	
Casto Cr.	C	4.3	Mouth	14,27N,16W	Douglas			x	x			B			
Castor R.	P	45.5	Mouth	31,28N,10E	Stoddard			x	x			B			
Castor R.	C	10.5	31,28N,10E	12,28N,9E	Stoddard	Bollinger		x	x			B			
Castor R.	P	7.5	12,28N,9E	29,29N,9E	Bollinger		x	x	x			A	x		
Castor R.	P	59.0	29,29N,9E	19,34N,8E	Bollinger	Madison		x	x	x		A	x		
Castor R.	C	2.5	19,34N,8E	7,34N,8E	Madison	St. Francois		x	x			B			
Castor R. Div. Chan.	P	12.2	4,29N,11E	12,28N,9E	Cape Girardeau	Bollinger		x	x			A	x	x	
Castro Valley	C	3.4	Mouth	1,29N,6W	Shannon			x	x			B			
Cat Hollow	C	2.5	Mouth	33,35N,18W	Dallas			x	x			B			
Cathcart Hollow	C	1.8	Mouth	20,31N,09W	Texas			x	x			B			
Cato Slough	C	5.7	Mouth	15,28N,9E	Bollinger		x	x	x			B			
Cave Br.	C	2.7	Mouth	13,36N,27W	Cedar			x	x			B			
Cave Cr.	C	3.2	Mouth	14,34N,18W	Dallas			x	x			B			
Cave Cr.	C	0.5	Mouth	29,48N,15W	Cooper			x	x			B			
Cave Fk.	C	3.4	Mouth	10,24N,1W	Ripley			x	x			B			
Cave Spring Br.	C	1.2	16,28N,29W	21,28N,29W	Jasper			x	x			B			
Cave Spring Cr.	C	1.2	Mouth	5,43N,33W	Cass			x	x			B			
Cave Spring Hollow	C	1.5	Mouth	12,29N,2E	Reynolds			x	x			B			
Cedar Bottom Cr.	P	3.5	Mouth	32,33N,6E	Madison			x	x			B			
Cedar Bottom Cr.	C	3.0	32,33N,6E	10,32N,6E	Madison			x	x			B			
Cedar Br.	P	2.7	Mouth	16,31N,10E	Bollinger			x	x			B			
Cedar Br.	C	1.7	16,31N,10E	8,31N,10E	Bollinger			x	x			B			
Cedar Cr.	P	31.0	Mouth	20,34N,27W	Cedar		x	x	x			A	x		
Cedar Cr.	C	16.2	20,34N,27W	10,32N,28W	Cedar	Dade		x	x			B			
Cedar Cr.	C	2.0	Mouth	15,42N,6W	Gasconade			x	x			B			
Cedar Cr.	P	11.3	Mouth	34,35N,2E	Washington	Iron		x	x			A			
Cedar Cr.	C	2.6	Sur	5,34N,2E	Iron			x	x			B			
Cedar Cr.	C	2.8	2,22N,19W	6,22N,18W	Taney			x	x			B			
Cedar Cr.	P	6.5	Mouth	11,30N,6E	Wayne			x	x			B			
Cedar Cr.	P	2.2	Mouth	28,26N,32W	Newton			x	x			B			
Cedar Cr.	C	4.3	Mouth	12,47N,32W	Jackson			x	x			B			
Cedar Cr.	C	4.9	Mouth	34,40N,08W	Maries			x	x			B			
Cedar Cr.	C	37.4	21,46N,11W	3,49N,11W	Callaway			x	x			B	x		
Cedar Cr.	P	14.0	Mouth	21,46N,11W	Callaway			x	x			B	x		
Cedar Cr.	P	7.5	Mouth	20,44N,8W	Osage			x	x			B	x		
Cedar Cr.	C	4.7	20,44N,8W	3,43N,8W	Osage			x	x			B			
Cedar Cr.	C	3.3	Mouth	26,46N,21W	Pettis			x	x			B			
Cedar Fk.	C	8.8	Mouth	18,43N,3W	Franklin			x	x			B			
Cedar Fk.	P	3.4	Mouth	9,35N,9E	Perry			x	x			B			
Cedar Fk.	C	1.2	9,35N,9E	16,35N,9E	Perry			x	x			B			
Cedar Run	C	1.1	Mouth	21,37N,05E	St. Francois			x	x			B			
Center Cr.	P	26.8	14,28N,34W	34,28N,31W	Jasper		x	x	x	x		A	x		x
Center Cr.	P	21.0	34,28N,31W	23,27N,29W	Jasper	Newton		x	x	x		A	x		x
Center Cr.	P	4.9	23,27N,29W	17,27N,28W	Newton	Lawrence		x	x	x		A	x		x
Center Cr.	P	4.5	17,27N,29W	26,27N,28W	Lawrence			x	x			A			

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Chaney Br.	C	4.0	Mouth	6,32N,28W	Barton	Dade		x	x			B			
Chapel Cr.	C	2.0	Mouth	Sur	Madison			x	x			B			
				2149,33N,6E											
Chapman Br.	C	1.9	Mouth	33,64N,32W	Gentry			x	x			B			
Chariton R.	P	111.0	Mouth	State Line	Chariton	Putnam	x	x	x			A		x	
Charleton Hollow	P	0.3	5,23N,33W	4,23N,33W	McDonald			x	x			B			
Charrette Cr.	P	13.0	Mouth	14,45N,2W	Warren			x	x			A			
Charrette Cr.	P	7.5	14,45N,2W	24,46N,2W	Warren			x	x			A			
Charrette Cr.	C	4.8	24,46N,2W	8,46N,1W	Warren			x	x			B			
Chat Cr.	C	2.1	11,26N,26W	7,26N,25W	Lawrence			x	x			B		x	
Cheese Cr.	C	4.7	Mouth	09,43N,21W	Pettis	Benton		x	x			B			
Cherry Valley Cr.	C	3.2	Mouth	10,37N,3W	Crawford			x	x			B			
Chesapeake Cr.	P	3.2	Mouth	29,28N,25W	Lawrence			x	x		x	B			
Chute of Island No.7	C	1.4	26,23N,16E	36,23N,16E	Mississippi		x	x	x			B			
Cicero Cr.	P	1.0	Mouth	9,38N,1W	Washington			x	x			B			
Cinque Hommes Cr.	P	17.1	Mouth	28,35N,11E	Perry			x	x			B			
Cinque Hommes Cr.	C	5.0	28,35N,11E	36,35N,10E	Perry			x	x			B			
Clabber Cr.	C	3.0	Mouth	14,45N,9W	Callaway			x	x			B			
Clammer Br.	C	1.0	Mouth	8,38N,27W	St. Clair			x	x			B			
Clark Br.	C	8.6	Mouth	29,56N,18W	Chariton			x	x			B			
Clark Cr.	P	5.0	Mouth	12,29N,14W	Wright			x	x			B			
Clark Cr.	C	5.6	12,29N,14W	3,28N,14W	Wright			x	x			B			
Clark Cr.	P	11.1	Mouth	20,29N,4E	Wayne			x	x		x	B			
Clark Cr.	C	1.5	20,29N,4E	29,29N,4E	Wayne			x	x			B			
Clark Fk.	C	8.3	Mouth	15,47N,16W	Cooper			x	x			B			
Clark Fk.	P	1.0	Mouth	15,43N,13W	Cole			x	x			B			
Clark Fk.	C	6.0	15,43N,13W	34,43N,13W	Cole			x	x			B			
Clayton Br.	P	2.0	Mouth	20,34N,1E	Iron			x	x			B			
Clayton Br.	C	1.4	20,34N,1E	18,34N,1E	Iron			x	x			B			
Clayton Hollow	C	1.0	Mouth	3,24N,18W	Taney			x	x			B			
Clear Cr.	C	4.7	Mouth	27,56N,10W	Monroe			x	x			B			
Clear Cr.	C	4.8	Mouth	27,42N,23W	Benton			x	x			B			
Clear Cr.	C	4.0	Mouth	11,44N,30W	Cass			x	x			B			
Clear Cr.	P	28.2	Mouth	10,35N,29W	St. Clair	Vernon		x	x			A			
Clear Cr.	C	22.3	10,35N,29W	16,34N,30W	Vernon			x	x			B			
Clear Cr.	P	15.2	Mouth	4,29N,23W	Greene			x	x			B			
Clear Cr.	C	4.3	Mouth	5,47N,5W	Montgomery			x	x			B			
Clear Cr.	C	1.6	Mouth	16,37N,1W	Washington			x	x			B			
Clear Cr.	C	2.0	Mouth	16,39N,6W	Phelps			x	x			B			
Clear Cr.	C	4.4	Mouth	17,39N,2E	Washington			x	x			B			
Clear Cr.	P	4.2	Mouth	19,36N,2E	Washington			x	x			B			
Clear Cr.	C	2.4	19,36N,2E	13,36N,1E	Washington			x	x			B			
Clear Cr.	C	13.0	Mouth	State Line	Nodaway			x	x						
Clear Cr.	P	11.1	Mouth	28,26N,28W	Newton	Lawrence		x	x			B			
Clear Cr.	C	3.5	28,26N,28W	36,26N,28W	Lawrence	Barry		x	x			B			
Clear Cr.	P	5.0	Mouth	26,53N,31W	Clay			x	x			B			
Clear Cr.	C	13.5	6,53N,31W	09,54N,31W	Clay	Clinton		x	x			B			
Clear Cr.	C	6.0	Mouth	25,59N,26W	Daviess			x	x			B			
Clear Cr.	C	3.3	Mouth	10,57N,5W	Marion			x	x			B			
Clear Cr.	C	5.5	Mouth	22,47N,19W	Cooper			x	x			B			
Clear Fk.	C	1.5	Mouth	32,42N,6W	Gasconade			x	x			B			

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Clear Fk.	C	7.0	Mouth	36,49N,6W	Montgomery			x	x			B			
Clear Fk.	P	25.8	Mouth	26,45N,25W	Johnson			x	x			B	x		
Clear Fk.	C	10.1	26,45N,25W	18,44N,24W	Johnson			x	x			B			
Clear Spring	P	0.3	Mouth	19,28N,08W	Texas			x	x			B			
Cliffy Br.	C	2.3	Mouth	36,44N,15W	Moniteau			x	x			B			
Clifton Cr.	C	5.5	Mouth	10,45N,11W	Callaway			x	x			B			
Clifty Cr.	C	11.4	Mouth	16,27N,12W	Douglas			x	x			B			
Clifty Hollow Cr.	C	2.9	Mouth	11,38N,10W	Maries			x	x			B			
Clubb Cr.	P	3.7	Mouth	2,29N,9E	Bollinger		x	x	x			B			
Clubb Cr.	C	2.1	2,29N,9E	33,30N,9E	Bollinger			x	x			B			
Coakley Hollow	C	1.6	Mouth	9,38N,15W	Camden			x	x			B			
Coal Cr.	P	5.8	Mouth	35,42N,26W	Henry			x	x			B			
Coal Cr.	C	2.0	Mouth	1,65N,26W	Harrison			x	x			B			
Coalbank Cr.	C	1.8	Mouth	27,47N,17W	Cooper			x	x			B			
Coates Br.	P	3.0	Mouth	36,32N,24W	Polk			x	x			B			
Coatney Cr.	P	2.0	Mouth	15,36N,19W	Dallas			x	x			B			
Cobb Cr.	P	2.1	Mouth	21,33N,14W	Laclede			x	x			B			
Cobb Cr.	C	2.3	21,33N,14W	32,33N,14W	Laclede			x	x			B			
Coffman Hollow	C	1.0	Mouth	14,37N,1W	Washington			x	x			B			
Coldwater Cr.	C	4.6	34,44N,33W	8,43N,33W	Cass			x	x			B			
Coldwater Cr.	C	6.9	Mouth	13,47N,6E	St. Louis			x	x			B			x
Coldwater Cr.	P	4.3	Mouth	27,35N,8E	Ste. Genevieve			x	x			B			
Coldwater Cr.	C	0.9	27,35N,8E	33,35N,8E	Ste. Genevieve			x	x			B			
Cole Camp Cr.	P	18.1	Mouth	07,42N,21W	Benton			x	x	x		B			
Cole Camp Cr.	C	4.8	07,42N,21W	26,43N,21W	Benton			x	x			B	x		
Cole Cr.	C	1.5	Mouth	4,45N,5W	Gasconade			x	x			B			
Cole Cr.	C	2.0	Mouth	17,51N,14W	Howard			x	x			B			
Cole Cr.	C	5.7	Mouth	Sur	St. Charles			x	x			B			
Collier Cr.	C	1.5	Mouth	3280,47N,4E	Wayne			x	x			B			
Collier Cr.	C	2.5	Mouth	18,45N,8W	Callaway			x	x			B			
Compton Br.	C	1.7	Mouth	16,36N,1E	Washington			x	x			B			
Comstock Cr.	P	1.0	Mouth	34,34N,33W	Vernon			x	x			B			
Comstock Cr.	C	7.5	34,34N,33W	8,33N,32W	Barton			x	x			B			
Conner Cr.	C	5.0	Mouth	5,46N,11W	Boone			x	x			B			
Conn's Cr.	C	2.0	20,37N,14W	26,37N,14W	Camden			x	x			B			
Conrad Cr.	P	3.2	Mouth	5,33N,9E	Bollinger			x	x			B			
Conrad Cr.	C	1.5	5,33N,9E	1,33N,8E	Bollinger			x	x			B			
Contrary Cr.	P	1.5	Mouth	13,43N,7W	Osage			x	x			B			
Contrary Cr.	C	4.5	13,43N,7W	9,43N,7W	Osage			x	x			B			
Contrary Cr.	C	10.0	Mouth	30,56N,35W	Buchanan			x	x			B			
Cook Hollow	C	2.0	Mouth	35,25N,21W	Taney	Christian		x	x			B			
Coon Cr.	C	3.6	Mouth	24,51N,14W	Boone			x	x			B			
Coon Cr.	C	11.8	Mouth	08,53N,13W	Monroe	Randolph		x	x			B			
Coon Cr.	P	1.9	Mouth	22,30N,14W	Wright			x	x			B			
Coon Cr.	C	1.6	22,30N,14W	17,30N,14W	Wright			x	x			B			
Coon Cr.	C	13.2	Mouth	10,50N,6W	Montgomery			x	x				x		
Coon Cr.	C	9.2	Mouth	Hwy. 47	Lincoln			x	x			B			
Coon Cr.	C	5.1	Mouth	24,22N,21W	Taney			x	x			B			
Coon Cr.	C	7.5	Mouth	14,30N,30W	Barton	Jasper		x	x			B			
Coon Cr.	C	12.2	Mouth	5,29N,28W	Dade	Lawrence		x	x			B			

IRR LWW AQL CLF CDF WBC SCR DWS IND

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

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Coon Cr.	C	5.8	Mouth	16,45N,22W	Pettis			x	x			B			
Coon Hollow	C	1.6	Mouth	3,34N,2E	Iron			x	x			B			
Coon Hollow	C	4.4	Mouth	14,28N,07W	Texas			x	x			B			
Cooney Cr.	C	0.8	Mouth	11,40N,20W	Benton			x	x			B			
Coonville Cr.	C	1.3	Mouth	30,38N,5E	St. Francois			x	x			B			
Cooper Cr.	P	0.9	Mouth	07,22N,21W	Taney			x	x			B			
Cooper Cr.	C	1.1	07,22N,21W	06,22N,21W	Taney			x	x			B			
Coopers Cr.	C	7.3	Mouth	6,39N,26W	Henry	St. Clair		x	x			B			
Coppedge Cr.	C	1.2	Mouth	35,39N,7W	Maries			x	x			B			
Corn Cr.	C	1.1	Mouth	36,36N,09W	Phelps			x	x			B			
Cotter Cr.	C	1.5	Mouth	23,40N,4E	Jefferson			x	x			B		x	
Cotton Wood Cr.	C	3.5	Mouth	3,54N,18W	Chariton			x	x			B			
Cottonwood Cr.	C	2.0	Mouth	28,36N,33W	Vernon			x	x			B			
Cottonwood Cr.	C	3.9	Mouth	7,50N,25W	Lafayette			x	x			B			
Cottonwood Cr.	C	4.3	Mouth	5,56N,27W	Caldwell			x	x			B			
Cottonwood Cr.	C	2.4	Mouth	2,55N,25W	Livingston	Carroll		x	x			B			
Courtois Cr.	P	32.0	Mouth	17,35N,1W	Crawford	Washington		x	x		x	A		x	
Courtois Cr.	C	1.7	17,35N,1W	21,35N,1W	Washington	Iron		x	x		x	B			
Cow Br.	C	4.4	Mouth	29,65N,40W	Atchison			x	x			B			
Cow Cr.	C	2.5	Mouth	26,47N,8W	Callaway			x	x					x	
Cow Cr.	C	1.8	Mouth	25,51N,21W	Saline			x	x			B			
Cowskin Cr.	P	5.0	Mouth	33,27N,16W	Douglas			x	x			B			
Cowskin Cr.	C	3.6	33,27N,16W	16,27N,16W	Douglas			x	x			B			
Cox Br.	C	2.2	Mouth	10,38N,7W	Phelps			x	x						
Crabapple Cr.	C	3.8	Mouth	4,55N,27W	Caldwell			x	x			B			
Crabtree Br.	P	1.5	Mouth	18,34N,25W	Cedar			x	x			B			
Crabtree Br.	C	1.5	18,34N,25W	19,34N,25W	Cedar			x	x			B			
Cracked Neck Cr.	P	3.0	Mouth	6,29N,26W	Lawrence			x	x			B			
Crane Cr.	P	8.4	Mouth	09,36N,21W	Hickory			x	x			B			
Crane Cr.	C	3.4	09,36N,21W	12,36N,21W	Hickory			x	x			B			
Crane Cr.	P	5.9	Mouth	8,25N,23W	Stone			x	x			A		x	
Crane Cr.	P	13.2	8,25N,23W	19,26N,24W	Stone			x	x		x	A		x	
Crane Pond Cr.	P	12.7	Mouth	33,32N,4E	Wayne	Iron		x	x			B			
Crane Pond Cr.	C	1.0	Mouth	33,32N,4E	Iron			x	x			B			
Craven Ditch	C	11.6	Mouth	16,24N,6E	Butler		x	x	x						
Crawford Cr.	C	5.0	Mouth	32,46N,29W	Cass			x	x			B			
Creve Coeur Cr.	P	2.1	Mouth	Creve Coeur Lake	St. Louis			x	x			B			
Creve Coeur Cr.	C	3.8	Creve Coeur Lk	6,45N,5E	St. Louis			x	x			B			
Crider Cr.	P	4.7	Mouth	30,42N,6W	Gasconade			x	x			B			
Crider Cr.	C	3.4	30,42N,6W	2,41N,7W	Gasconade	Osage		x	x			B			
Crooked Br.	C	1.0	Mouth	22,24N,11W	Ozark			x	x			B			
Crooked Br.	C	3.1	Mouth	31,45N,30W	Cass			x	x			B			
Crooked Cr.	C	31.4	Mouth	1,56N,12W	Monroe	Shelby		x	x			B			
Crooked Cr.	C	4.0	Mouth	15,50N,5W	Montgomery			x	x			B			
Crooked Cr.	P	19.7	Mouth	36,35N,4W	Crawford	Dent		x	x		x	A			
Crooked Cr.	C	1.0	36,35N,4W	6,34N,3W	Dent			x	x			B			
Crooked Cr.	P	3.5	Mouth	33,35N,2W	Crawford			x	x		x	A			
Crooked Cr.	P	1.5	Mouth	10,48N,1E	Lincoln			x	x			B			
Crooked Cr.	C	7.0	10,48N,1E	11,48N,1W	Lincoln			x	x			B			
Crooked Cr.	C	2.8	Mouth	12,59N,33W	Dekalb			x	x			B			

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Crooked Cr.	C	4.0	Mouth	12,60N,34W	Andrew			x	x			B			
Crooked Cr.	C	5.3	Mouth	06,44N,23W	Johnson	Pettis		x	x			B			
Crooked Cr.	C	2.3	Mouth	30,59N,23W	Livingston			x	x			B			
Crooked Cr.	P	44.8	Mouth	17,32N,9E	Cape Girardeau	Bollinger	x	x	x			A	x		
Crooked Cr.	C	1.0	17,32N,9E	8,32N,9E	Bollinger			x	x			B			
Crooked R.	P	58.1	Mouth	3,54N,29W	Ray			x	x			B			
Crooked R.	C	7.5	3,54N,29W	25,55N,30W	Ray	Clinton		x	x			B			
Crossville Br.	C	2.0	Mouth	28,33N,3W	Reynolds			x	x			B			
Crows Cr.	C	1.8	Mouth	3,39N,2W	Crawford			x	x			B			
Crows Fork Cr.	C	12.7	Mouth	35,48N,9W	Callaway			x	x			B			
Cub Cr.	P	6.6	Mouth	13,35N,1W	Washington			x	x			B			
Cub Cr.	C	1.0	13,35N,1W	18,35N,1E	Washington			x	x			B			
Cuivre R.	P1	11.6	Mouth	Sur	St. Charles			x	x			B	x		
Cuivre R.	P	30.0	Sur	1795,48N,2E	St. Charles	Lincoln		x	x			A	x		
			1795,48N,2E												
Current R.	P	124.0	State Line	24,31N,6W	Ripley	Shannon	x	x	x	x		A	x		
Current R.	P	18.8	24,31N,6W	Montauk Spring	Shannon	Dent		x	x		x	A	x		
Cypress Cr.	C	3.2	Mouth	24,23N,3E	Ripley			x	x			B			
Cypress Cr.	C	15.8	Mouth	18,62N,27W	Daviess	Harrison		x	x			B			
Cypress Ditch #1	C	9.7	State Line	1,22N,4E	Ripley			x	x			B			
Cypress Ditch Lat.	P	8.0	Mouth	20,25N,9E	Stoddard			x	x			B			
Cypress Ditch Lat.	C	6.5	20,25N,9E	29,26N,9E	Stoddard			x	x			B			
Dan R.	C	2.5	32,23N,7E	20,23N,7E	Butler			x	x			B			
Dardenne Cr.	P1	7.0	Mouth	Sur	St. Charles			x	x			B	x		
Dardenne Cr.	P	16.5	Sur	1704,47N,4E	St. Charles			x	x			B	x		
			1704,47N,4E												
Dardenne Cr.	C	8.5	22,46N,2E	22,46N,1E	St. Charles			x	x			B			
Dark Cr.	C	9.1	Mouth	34,55N,15W	Randolph			x	x			B			
Darrow Br.	C	1.0	Mouth	1,44N,9W	Osage			x	x			B			
Davis Br.	C	4.0	Mouth	2,28N,18W	Webster			x	x			B			
Davis Cr.	C	8.8	Mouth	30,51N,9W	Audrain			x	x			B			
Davis Cr.	C	2.9	Mouth	6,34N,22W	Polk			x	x			B			
Davis Cr.	P	1.2	Mouth	12,29N,20W	Greene			x	x			B			
Davis Cr.	C	3.0	12,29N,20W	2,29N,20W	Greene			x	x			B			
Davis Cr.	C	4.2	Mouth	13,23N,10W	Howell			x	x			B			
Davis Cr.	P	3.5	Mouth	21,62N,38W	Holt			x	x			B			
Davis Cr.	P	25.8	Mouth	8,48N,26W	Saline	Lafayette		x	x			B			
Davis Cr.	C	12.2	8,48N,26W	7,48N,27W	Lafayette			x	x			B	x		
Davis Cr. Ditch	C	6.7	Mouth	6,61N,38W	Holt			x	x			B			
Davisville Hollow	C	2.2	Mouth	31,36N,2W	Crawford			x	x			B			
Day Hollow	C	1.0	Mouth	36,39N,1W	Washington			x	x			B			
Dead Oak Br.	C	1.0	Mouth	2,55N,26W	Caldwell			x	x			B			
Deane Cr.	P	1.3	Mouth	17,38N,14W	Miller			x	x			A	x		
Deane Cr.	C	2.0	20,38N,14W	29,38N,14W	Camden			x	x			B			
Deberry Cr.	C	0.9	Mouth	26,37N,14W	Camden			x	x			B			
Decker Br.	C	2.1	Mouth	35,36N,22W	Hickory			x	x			B			
Deepwater Cr.	C	9.8	Mouth	Montrose Lk	Henry			x	x			B			
				Dam											
Deepwater Cr.	C	5.6	35,41N,28W	5,40N,28W	Henry	Bates		x	x			B			
Deer Cr.	P	11.7	Mouth	21,39N,20W	Benton			x	x	x		B			

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Deer Cr.	C	3.3	21,39N,20W	03,38N,20W	Benton		x	x				B			
Deer Cr.	C	1.3	Mouth	12,41N,26W	Henry		x	x				B			
Deer Cr.	P	5.6	Mouth	4,32N,21W	Polk		x	x				B			
Deer Cr.	P	0.8	Mouth	20,45N,8W	Osage		x	x				B			
Deer Cr.	C	4.4	20,45N,8W	34,45N,8W	Osage		x	x				B			
Deer Cr.	P	1.6	Mouth	1930,45N,6E	St. Louis City	St. Louis	x	x				B		x	
Dent Br.	C	1.0	Mouth	Sur	Washington		x	x				B			
				2374,36N,2E											
Des Moines R.	P	31.3	Mouth	State Line	Clark		x	x				A		x	
Devils Den Hollow	C	1.2	Mouth	11,33N,4E	Iron		x	x				B			
Dew Pond Hollow	C	2.7	Mouth	15,30N,07W	Texas		x	x				B			
Dickerson Cr.	C	1.3	Mouth	Binder Lake	Cole		x	x				B			
				Dam											
Dicks Cr.	C	7.3	Mouth	33,54N,33W	Platte		x	x				B		x	
Dicks Fk.	C	5.0	Mouth	28,32N,31W	Barton		x	x				B			
Dicky Cr.	C	1.1	Mouth	14,26N,15W	Douglas		x	x				B			
Dillard Cr.	P	1.5	Mouth	22,31N,11E	Cape Girardeau		x	x				B			
Dillard Cr.	C	1.0	22,31N,11E	16,31N,11E	Cape Girardeau		x	x				B			
Dillon Cr.	C	4.8	Mouth	33,59N,35W	Andrew		x	x				B		x	
Dirt House Hollow	C	1.9	Mouth	28,29N,07W	Texas		x	x				B			
Ditch #1	C	9.0	Mouth	20,23N,9E	Dunklin		x	x				B			
Ditch #1	P	7.6	13,27N,8E	19,28N,9E	Stoddard	Bollinger	x	x				B			
Ditch #1	C	2.0	19,28N,9E	16,28N,9E	Bollinger		x	x				B			
Ditch #1	P	2.8	30,16N,10E	17,16N,10E	Dunklin		x	x				B			
Ditch #1	P	17.6	3,24N,13E	15,27N,13E	New Madrid	Scott	x	x				B			
Ditch #1	C	3.3	16,27N,13E	4,27N,13E	Scott		x	x				B			
Ditch #1	P	86.0	State Line	27,29N,12E	Dunklin	Scott	x	x	x			B		x	
Ditch #1	C	4.3	27,29N,12E	12,29N,12E	Scott		x	x	x			B		x	
Ditch #1	P	7.3	Mouth	16,21N,9E	Dunklin		x	x				B			
Ditch #1	C	3.3	16,21N,9E	6,21N,9E	Dunklin		x	x				B			
Ditch #10	P	3.5	32,27N,8E	17,27N,8E	Stoddard	Wayne	x	x				B			
Ditch #10	C	2.5	17,27N,8E	4,27N,8E	Wayne		x	x				B			
Ditch #10	C	2.7	20,23N,15E	5,23N,15E	New Madrid		x	x				B			
Ditch #101	C	3.5	34,28N,9E	19,28N,10E	Bollinger		x	x				B			
Ditch #104	C	12.5	Mouth	13,25N,13E	New Madrid		x	x				B			
Ditch #11	P	6.0	32,27N,8E	13,27N,8E	Stoddard		x	x				B			
Ditch #11	C	3.0	7,24N,8E	1,25N,7E	Butler		x	x				B			
Ditch #110	C	3.1	5,28N,11E	20,29N,11E	Stoddard	Cape Girardeau	x	x				B			
Ditch #16	C	11.2	33,24N,8E	7,25N,8E	Butler		x	x							
Ditch #17	C	7.5	Mouth	31,28N,11E	Stoddard		x	x				B			
Ditch #2	P	3.2	State Line	30,22N,4E	Ripley		x	x				B			
Ditch #2	C	6.0	30,22N,4E	2,22N,4E	Ripley		x	x				B			
Ditch #2	P	4.9	Mouth	35,28N,8E	Stoddard	Wayne	x	x				B			
Ditch #2	C	4.9	23,17N,12E	36,18N,12E	Pemiscot		x	x				B			
Ditch #2	P	17.0	11,20N,10E	24,23N,10E	New Madrid		x	x				B			
Ditch #22	C	7.0	Mouth	2,23N,8E	Butler		x	x				B			
Ditch #23	C	5.8	Mouth	34,24N,8E	Butler		x	x				B			
Ditch #24	P	12.0	23,26N,12E	6,27N,12E	Stoddard		x	x				B			
Ditch #24	C	3.9	6,27N,12E	22,28N,11E	Stoddard		x	x				B			
Ditch #25	P	1.0	15,28N,11E	9,28N,11E	Stoddard		x	x				B			
Ditch #25	C	2.5	9,28N,11E	5,28N,11E	Stoddard		x	x				B			
Ditch #251	P	44.0	State Line	26,22N,12E	Dunklin	New Madrid	x	x				B		x	

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Ditch #258	P	10.0	27,19N,10E	9,20N,11E	Dunklin	Pemiscot		x	x			B		x	
Ditch #258	C	5.0	9,20N,11E	25,21N,11E	New Madrid			x	x			B			
Ditch #259	P	26.3	State Line	31,20N,11E	Dunklin	Pemiscot		x	x			B		x	
Ditch #26	P	3.0	Mouth	33,29N,11E	Stoddard	Cape Girardeau		x	x			B			
Ditch #26	C	1.3	33,29N,11E	28,29N,11E	Cape Girardeau			x	x			B			
Ditch #27	P	4.5	15,28N,11E	22,29N,11E	Stoddard	Cape Girardeau		x	x			B			
Ditch #287	P	4.8	6,27N,11E	15,28N,11E	Stoddard			x	x			B			
Ditch #290	P	9.2	19,20N,11E	12,21N,11E	Dunklin	New Madrid		x	x			B			
Ditch #290	C	5.3	12,21N,11E	21,22N,12E	New Madrid			x	x			B			
Ditch #293	P	2.9	19,20N,11E	12,20N,10E	Pemiscot			x	x			B			
Ditch #3	P	2.0	4,18N,9E	28,19N,9E	Dunklin			x	x			B			
Ditch #3	C	0.5	28,19N,9E	27,19N,9E	Dunklin			x	x			B			
Ditch #3	C	2.4	Mouth	11,27N,8E	Stoddard			x	x			B			
Ditch #3	P	8.1	6,16N,12E	4,17N,12E	Pemiscot			x	x			B			
Ditch #3	P	18.3	12,20N,10E	6,23N,11E	New Madrid	Stoddard		x	x			B			
Ditch #30	P	4.5	Mouth	1,27N,11E	Stoddard			x	x			B			
Ditch #33	P	11.8	Mouth	14,28N,11E	Stoddard			x	x			B			
Ditch #33	C	2.0	14,28N,11E	2,28N,11E	Stoddard			x	x			B			
Ditch #34	C	4.5	Mouth	25,29N,11E	Stoddard	Cape Girardeau		x	x			B			
Ditch #34	C	9.0	Mouth	24,28N,12E	Stoddard			x	x			B			
Ditch #35	C	9.2	Mouth	3,27N,12E	Stoddard			x	x			B			
Ditch #36	P	7.8	Mouth	21,19N,10E	Dunklin			x	x			B			
Ditch #4	C	1.5	22,27N,8E	11,27N,8E	Stoddard			x	x			B			
Ditch #4	C	3.5	4,17N,12E	20,18N,12E	Pemiscot			x	x			B			
Ditch #4	P	8.9	34,26N,13E	22,27N,13E	New Madrid	Scott		x	x			B			
Ditch #4	C	4.0	22,27N,13E	33,28N,13E	Scott			x	x			B			
Ditch #4	C	14.0	Mouth	6,22N,11E	Pemiscot	New Madrid		x	x			B			
Ditch #41	C	5.0	Mouth	28,23N,12E	New Madrid			x	x			B			
Ditch #42	C	18.2	Mouth	29,25N,12E	New Madrid	Stoddard		x	x			B			
Ditch #5	C	1.0	28,27N,8E	21,27N,8E	Stoddard			x	x			B			
Ditch #5	P	2.0	12,16N,11E	6,16N,12E	Pemiscot			x	x			B			
Ditch #6	P	1.0	29,27N,8E	21,27N,8E	Stoddard			x	x			B			
Ditch #6	P	16.0	Mouth	15,18N,12E	Pemiscot			x	x			B			
Ditch #6	C	4.5	15,18N,12E	2,18N,12E	Pemiscot			x	x			B			
Ditch #6	P	7.8	Mouth	16,22N,11E	New Madrid			x	x			B			
Ditch #6	C	23.3	16,22N,11E	26,26N,11E	New Madrid	Stoddard		x	x			B			
Ditch #66	C	2.0	Mouth	33,20N,11E	Pemiscot			x	x			B			
Ditch #66	P	25.0	State Line	1,19N,10E	Pemiscot			x	x			B			
Ditch #7	P	3.0	Mouth	22,16N,11E	Pemiscot			x	x			B			
Ditch #7	C	6.7	Mouth	15,22N,11E	New Madrid			x	x			B			
Ditch #79	P	11.0	4,16N,9E	28,18N,10E	Dunklin			x	x			B			
Ditch #8	C	19.1	12,21N,11E	1,24N,11E	New Madrid	Stoddard		x	x			B		x	
Ditch #80	P	0.5	4,16N,9E	4,16N,9E	Dunklin			x	x			B			
Ditch #81	P	24.0	State Line	11,19N,10E	Dunklin	Pemiscot		x	x			B			
Ditch #84	P	6.0	11,19N,10E	11,20N,10E	Pemiscot			x	x			B			
Ditch #9	P	5.6	17,20N,11E	22,21N,11E	Pemiscot	New Madrid		x	x			B			
Ditch #9	C	3.0	22,21N,11E	12,21N,11E	New Madrid			x	x			B			
Ditch 101	P	1.7	Mouth	34,28N,9E	Stoddard	Bollinger		x	x			B			
Ditch Cr.	P	1.8	Mouth	12,40N,02E	Jefferson			x	x			A			
Ditch to Black R.	P	9.5	Mouth	3,23N,7E	Butler		x	x	x			B			
Ditch to Black R.	C	10.7	3,23N,7E	9,25N,7E	Butler		x	x	x			B		x	

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Ditch to Ditch #1	C	1.2	Mouth	28,23N,9E	Dunklin		x	x				B			
Ditch to Ditch #1	C	4.9	Mouth	34,30N,12E	Scott	Cape Girardeau	x	x				B			
Ditch to Ditch #1	P	7.0	Mouth	33,30N,12E	Scott	Cape Girardeau	x	x				B			
Ditch to Ditch #1	P	3.7	Mouth	16,29N,12E	Scott	Cape Girardeau	x	x				B			
Ditch to Ditch #101	C	1.6	Mouth	13,28N,9E	Bollinger		x	x				B			
Ditch to Ditch #2	P	1.5	Mouth	24,22N,3E	Ripley		x	x				B			
Ditch to Ditch #3	P	2.0	Mouth	30,17N,12E	Pemiscot		x	x				B			
Ditch to Ditch #5	C	2.0	Mouth	24,16N,11E	Pemiscot		x	x				B			
Ditch to Ditch #6	C	2.0	Mouth	29,18N,12E	Pemiscot		x	x				B			
Ditter Cr.	C	1.2	Mouth	03,41N,23W	Benton		x	x				B			
Doe Cr.	C	6.1	Mouth	4,50N,15W	Howard		x	x				B			
Doe Run Cr.	P	6.1	Mouth	27,35N,5E	St. Francois		x	x				B			
Doe Run Cr.	C	3.5	27,35N,5E	20,35N,5E	St. Francois		x	x				B			
Dog Cr.	P	2.9	Mouth	12,40N,14W	Miller		x	x				B			
Dog Cr.	C	7.0	12,40N,14W	4,39N,14W	Miller		x	x							
Dog Cr.	C	5.7	Mouth	9,58N,28W	Daviess		x	x				B			
Dog Hollow	C	2.0	Mouth	30,33N,14E	Cape Girardeau		x	x				B			
Doolan Chute	P	9.6	Mouth	30,29N,15E	Scott		x	x				B	x		
Dooling Cr.	P	1.5	Mouth	11,45N,8W	Osage		x	x				B			
Dooling Cr.	C	1.0	11,45N,8W	11,45N,8W	Osage		x	x				B			
Doolittle Cr.	C	2.3	Mouth	03,29N,12W	Texas		x	x				B			
Doss Br.	P	2.2	Mouth	17,38N,2W	Crawford		x	x				B			
Doss Br.	C	2.0	17,38N,2W	15,38N,2W	Crawford		x	x				B			
Double Br.	C	5.8	Mouth	19,39N,30W	Bates		x	x				B	x		
Douger Br.	C	3.1	Mouth	11,26N,26W	Lawrence		x	x							
Douglas Br.	C	4.3	Mouth	13,36N,32W	Vernon		x	x				B			
Dousinbury Cr.	P	3.9	Mouth	17,33N,18W	Dallas		x	x				B			
Dousinbury Cr.	C	2.0	17,33N,18W	15,33N,18W	Dallas		x	x				B			
Dove Cr.	C	2.0	Mouth	12,29N,13W	Wright		x	x				B			
Doxies Cr.	C	12.4	Mouth	5,51N,16W	Chariton	Howard	x	x				B			
Drunken Cr.	P	1.0	Mouth	Sur1200,30N,10	Bollinger		x	x				B			
Drunken Cr.	C	1.5	Sur	34,31N,10E	Bollinger		x	x				B			
			1200,30N,10E												
Dry Auglaize Cr.	P	5.2	24,38N,15W	22,38N,15W	Camden		x	x				A	x		
Dry Auglaize Cr.	C	34.5	22,38N,15W	8,35N,15W	Camden	Laclede	x	x				A	x		
Dry Auglaize Cr.	P	7.6	8,35N,15W	2,34N,16W	Laclede		x	x				B			
Dry Bone Cr.	C	1.8	Mouth	20,30N,7W	Texas		x	x				B			
Dry Br.	P	3.6	Mouth	6,28N,23W	Greene		x	x				B			
Dry Br.	C	1.7	6,28N,23W	7,28N,23W	Greene		x	x				B			
Dry Br.	C	2.6	Mouth	Sur	Lincoln		x	x				B			
				1710,51N,1W											
Dry Br.	C	5.1	Mouth	3,49N,2W	Lincoln		x	x				B			
Dry Br.	C	5.3	Mouth	4,39N,1E	Washington		x	x				B			
Dry Cr.	P	1.3	Mouth	27,39N,9W	Maries		x	x				B			
Dry Cr.	C	1.5	27,39N,9W	29,39N,9W	Maries		x	x				B			
Dry Cr.	P	5.0	Mouth	14,37N,3W	Crawford		x	x			x	A			
Dry Cr.	C	8.3	14,37N,3W	16,36N,3W	Crawford		x	x				B			
Dry Cr.	C	3.5	Mouth	24,36N,3E	Washington		x	x				B			
Dry Cr.	C	1.0	Mouth	27,36N,4E	St. Francois		x	x				B			
Dry Cr.	C	5.0	Mouth	12,24N,25W	Stone	Barry	x	x				B			
Dry Cr.	C	15.0	Mouth	8,25N,9W	Douglas	Howell	x	x				B			
Dry Cr.	C	1.5	Mouth	1,24N,13W	Ozark		x	x				B			

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Dry Cr.	P	1.0	Mouth	9,28N,3E	Wayne			x	x			B			
Dry Cr.	C	2.7	9,28N,3E	32,29N,3E	Wayne			x	x			B			
Dry Cr.	C	4.5	Mouth	27,32N,6E	Madison			x	x			B			
Dry Cr.	P	9.3	Mouth	25,40N,03E	Jefferson			x	x			B			
Dry Cr.	C	2.8	Mouth	11,48N,21W	Saline			x	x			B			
Dry Cr.	P	8.8	Mouth	32,30N,10E	Bollinger			x	x			B			
Dry Cr.	C	4.5	32,30N,10E	24,30N,9E	Bollinger			x	x			B			
Dry Fk.	P	7.7	Mouth	8,34N,23W	Polk			x	x			B			
Dry Fk.	C	1.0	8,34N,23W	8,34N,23W	Polk			x	x			B			
Dry Fk.	P	4.0	Mouth	35,47N,6W	Montgomery			x	x			B			
Dry Fk.	C	3.3	35,47N,6W	10,46N,6W	Montgomery			x	x			B			
Dry Fk.	C	2.3	Mouth	22,35N,9E	Perry			x	x			B			
Dry Fk.	C	3.2	Mouth	18,35N,12E	Perry			x	x			B			
Dry Fk.	P	23.3	Mouth	22,37N,7W	Phelps		x	x	x			B			
Dry Fk.	C	27.0	22,37N,7W	20,35N,6W	Phelps	Dent		x	x			B			
Dry Fk.	P	12.7	Mouth	35,41N,6W	Gasconade			x	x			B			
Dry Fk.	C	3.4	Mouth	29,29N,27W	Lawrence			x	x			B			
Dry Fk.	C	10.2	Mouth	8,29N,30W	Jasper			x	x			A			
Dry Fk.	C	2.4	Mouth	11,46N,11W	Callaway			x	x			B			
Dry Fk.	C	2.0	Mouth	20,50N,17W	Howard			x	x			B			
Dry Fk.	C	3.6	Mouth	28,45N,16W	Moniteau			x	x			B			
Dry Fk. Cr.	P	4.0	20,35N,6W	29,35N,6W	Dent			x	x			B			
Dry Fk. Cr.	C	11.1	29,35N,6W	25,34N,7W	Dent			x	x			B			
Dry Fk. Cr.	C	13.3	35,41N,6W	6,40N,7W	Gasconade	Maries		x	x			B	x		
Dry Hollow	C	5.1	Mouth	31,22N,27W	Barry			x	x			B			
Dry Hollow	C	2.5	Mouth	34,24N,16W	Ozark			x	x			B			
Dry Hollow	C	0.5	Mouth	22,28N,28W	Lawrence			x	x			B			
Dry Valley Br.	P	1.6	Mouth	26,27N,29W	Newton			x	x			B			
Dry Valley Br.	C	1.3	26,27N,29W	25,27N,29W	Newton	Lawrence		x	x			B			
Dry Valley Cr.	C	2.3	Mouth	1,34N,5W	Dent			x	x			B			
Dry Wood Cr.	P	29.9	Mouth	4,32N,33W	Vernon	Barton		x	x			B			
Dubois Cr.	P	3.0	Mouth	Sur 404,44N,1E	Franklin			x	x			B			
Dubois Cr.	C	4.8	Sur 404,44N,1E	11,43N,1W	Franklin			x	x			B			
Duck Cr.	C	3.4	Mouth	32,43N,23W	Henry	Benton		x	x			B			
Duck Cr.	C	5.3	Mouth	21,27N,9E	Stoddard			x	x			B	x		
Duck Cr.	C	6.9	Mouth	16,58N,14W	Macon			x	x			B			
Dudley Main Ditch	P	6.4	Mouth	34,25N,9E	Stoddard			x	x			B			
Dudley Main Ditch	C	0.8	34,25N,9E	27,25N,9E	Stoddard			x	x			B			
Dulin Cr.	P	1.4	Mouth	09,42N,04E	Jefferson			x	x			B			
Duncan Cr.	C	2.6	Mouth	8,37N,33W	Vernon			x	x			B			
Duncan Cr.	C	3.2	Mouth	22,38N,10W	Phelps			x	x			B			
Dunlap Cr.	C	0.5	Mouth	13,47N,9W	Callaway			x	x			B			
Dunn Spring Cr.	C	2.3	Mouth	34,44N,1E	Franklin			x	x			B			
Duran Cr.	C	8.1	Mouth	02,41N,22W	Benton			x	x			B			
Durington Cr.	C	4.6	Mouth	06,34N,19W	Dallas			x	x			B			
Duskin Cr.	C	2.0	Mouth	13,32N,13E	Cape Girardeau			x	x			B			
Dutch Cr.	P	1.6	Mouth	27,42N,03E	Jefferson			x	x			B			
Dutchtown Ditch	P	10.0	Mouth	25,30N,12E	Cape Girardeau			x	x			B			
Dutro Carter Cr.	P	1.5	Mouth	18,37N,7W	Phelps			x	x			B			
Dutro Carter Cr.	C	0.5	18,37N,7W	18,37N,7W	Phelps			x	x			B			
Duval Cr.	C	7.0	Mouth	13,30N,32W	Jasper			x	x			B			

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Dyer Rock Cr.	C	5.1	Mouth	03,49N,24W	Lafayette			x	x			B			
E. Bear Cr.	C	1.2	Mouth	33,46N,25W	Johnson			x	x			B			
E. Br. Crawford Cr.	C	4.0	32,46N,29W	20,46N,29W	Cass			x	x			B			
E. Br. Elkhorn Cr.	C	4.7	Mouth	19,63N,36W	Nodaway			x	x			B			
E. Br. S. Grand R.	C	14.0	Mouth	1,44N,32W	Cass			x	x			B	x		
E. Br. Squaw Cr.	C	4.2	Mouth	5,62N,38W	Holt			x	x			B			
E. Brush Cr.	C	9.0	Mouth	16,45N,15W	Moniteau			x	x			B			
E. Chan. Whitewater R.	C	4.8	Mouth	16,28N,12E	Scott			x	x			B			
E. Cow Cr.	C	2.2	Mouth	19,51N,20W	Saline			x	x			B			
E. Ditch #1	P	22.0	Mouth	11,22N,10E	Dunklin	New Madrid		x	x			B	x		
E. Ditch #1	C	3.0	11,22N,10E	27,23N,10E	New Madrid			x	x			B			
E. Fk. Big Cr.	P	18.4	9,63N,28W	5,64N,27W	Harrison			x	x			B		x	
E. Fk. Big Cr.	C	21.1	5,64N,27W	State Line	Harrison			x	x			B	x	x	
E. Fk. Big Cr.	C	3.2	21,31N,7E	9,31N,7E	Madison			x	x			B			
E. Fk. Big Cr.	P	1.4	29,31N,7E	21,31N,7E	Madison			x	x			A			
E. Fk. Big Muddy Cr.	C	2.0	3,65N,29W	35,66N,29W	Harrison			x	x			B			
E. Fk. Black R.	P	17.1	Mouth	29,34N,3E	Reynolds	Iron		x	x			A		x	
E. Fk. Black R.	C	0.7	29,34N,3E	21,34N,3E	Iron			x	x			B			
E. Fk. Bull Cr.	C	2.4	Mouth	23,26N,20W	Christian			x	x			B			
E. Fk. Chariton R.	C	17.8	Mouth	11,60N,15W	Macon			x	x			B		x	
E. Fk. Crooked R.	P	19.9	Mouth	29,54N,27W	Ray			x	x			B			
E. Fk. Crooked R.	C	6.4	29,54N,27W	5,54N,27W	Ray			x	x			B			
E. Fk. Drywood Cr.	C	13.5	Mouth	8,32N,32W	Barton			x	x			B			
E. Fk. Fishing R.	C	12.9	Mouth	20,53N,29W	Clay	Ray		x	x			B			
E. Fk. Fourche Cr.	P	3.0	Mouth	3,22N,1E	Ripley			x	x			B			
E. Fk. Fourche Cr.	C	2.4	3,22N,1E	35,23N,1E	Ripley			x	x			B			
E. Fk. Grand R.	P	28.7	Mouth	29,66N,30W	Gentry	Worth	x	x	x			A	x	x	
E. Fk. Grand R.	C	6.5	29,66N,30W	10,66N,30W	Worth			x	x			B			
E. Fk. Huzzah Cr.	P	5.5	1,34N,3W	20,34N,2W	Dent			x	x			B			
E. Fk. Huzzah Cr.	C	2.0	20,34N,2W	29,34N,2W	Dent			x	x			B			
E. Fk. L. Blue R.	P	1.0	Mouth	27,49N,31W	Jackson			x	x			B			
E. Fk. L. Blue R.	C	3.7	27,49N,31W	Blue Springs Lake	Jackson			x	x			B			
E. Fk. L. Gravois Cr.	C	3.3	Mouth	3,40N,15W	Miller			x	x			B			
E. Fk. L. Tarkio Cr.	C	17.8	Mouth	21,65N,38W	Holt	Atchison	x	x	x			B			
E. Fk. Little Chariton R.	P	74.0	Mouth	7,57N,14W	Chariton	Macon	x	x	x			B		x	
E. Fk. Locust Cr.	P	16.7	Mouth	2,62N,20W	Sullivan			x	x			B			
E. Fk. Locust Cr.	C	15.7	2,62N,20W	12,64N,20W	Sullivan			x	x			B			
E. Fk. Lost Cr.	P	8.0	Mouth	17,28N,7E	Wayne			x	x			B			
E. Fk. Lost Cr.	C	10.0	Mouth	11,60N,31W	Dekalb			x	x			B			
E. Fk. Niangua R.	C	6.3	33,32N,18W	25,31N,18W	Webster			x	x			A			
E. Fk. Postoak Cr.	C	12.2	Mouth	9,44N,26W	Johnson			x	x			B	x		
E. Fk. Rock Cr.	C	4.0	Mouth	31,23N,25W	Barry			x	x			B			
E. Fk. Roubidoux Cr.	C	4.9	Mouth	24,31N,11W	Texas			x	x			B			
E. Fk. Salt Pond Cr.	C	1.6	Mouth	19,49N,22W	Saline			x	x			B			
E. Fk. Shoal Cr.	C	2.9	Mouth	4,51N,32W	Clay			x	x			B			
E. Fk. Sni-a-bar Cr.	C	8.9	32,49N,28W	29,48N,28W	Lafayette			x	x			B			
E. Fk. Sni-a-bar Cr.	P	9.6	Mouth	32,49N,28W	Lafayette			x	x			B			
E. Fk. Sulphur Cr.	C	2.5	Mouth	30,50N,17W	Howard			x	x			B			
E. Fk. Tebo Cr.	C	14.5	31,43N,24W	35,44N,24W	Henry			x	x			B			
E. Fk. Walnut Cr.	C	1.8	Mouth	28,55N,14W	Randolph			x	x			B			

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E. Prong Crooked Cr.	C	3.8	Mouth	17,35N,3W	Dent	Crawford		x	x			B			
E. Yellow Cr.	P	35.0	20,56N,19W	7,60N,18W	Chariton	Linn		x	x			B	x		
E.Fk. Bee Br.	C	0.9	Mouth	16,37N,30W	Vernon			x	x			B			
E.Honey Cr.	C	13.6	29,63N,23W	2,64N,23W	Grundy	Mercer		x	x					x	
Earle Br.	C	0.7	Mouth	Hwy. F	Phelps			x	x			B			
East Cr.	C	9.4	2,44N,33W	31,46N,32W	Cass			x	x			B	x		
East Prong	C	1.0	Mouth	12,31N,7E	Madison			x	x			B			
East Prong Indian Cr.	C	2.5	6,25N,7E	30,26N,7E	Butler			x	x			B			
East Whetstone Cr.	C	5.5	21,29N,13W	6,28N,12W	Wright			x	x			B			
Eaton Br.	C	1.2	Mouth	4,36N,4E	St. Francois			x	x			B			
Ebo Cr.	P	1.6	Mouth	13,38N,1E	Washington			x	x			B			
Ebo Cr.	C	1.1	13,38N,1E	14,38N,1E	Washington			x	x			B			
Eddington Br.	P	2.0	Mouth	1,29N,26W	Lawrence			x	x			B			
Eddington Br.	P	1.4	Mouth	5,29N,25W	Lawrence			x	x			B			
Edmondson Cr.	C	1.9	Mouth	4,52N,20W	Saline			x	x			B			
Eight Mile Cr.	C	16.8	Mouth	36,44N,31W	Cass			x	x			B			
Elbow Cr.	P	2.6	Mouth	27,22N,18W	Taney			x	x			B			
Eleven Point R.	P	22.7	State Line	18,24N,2W	Oregon		x	x	x	x		A	x		
Eleven Point R.	P	11.4	18,24N,2W	36,25N,4W	Oregon			x	x		x	A	x		
Eleven Point R.	P	22.3	36,25N,4W	23,25N,6W	Oregon			x	x	x		A	x		
Eleven Point R.	C	36.3	23,25N,6W	32,27N,9W	Oregon	Howell		x	x	x		B			
Elk Br.	C	2.8	Mouth	08,45N,22W	Pettis			x	x			B			
Elk Chute Ditch	P	13.1	Mouth	27,18N,10E	Dunklin			x	x			B			
Elk Cr.	P	5.0	Mouth	33,32N,14W	Wright			x	x			B			
Elk Cr.	C	1.5	33,32N,14W	5,31N,14W	Wright			x	x			B			
Elk Cr.	P	2.4	Mouth	24,29N,10W	Texas			x	x			B			
Elk Cr.	C	2.3	24,29N,10W	30,29N,9W	Texas			x	x			B			
Elk Cr.	C	1.5	Mouth	29,47N,23W	Pettis			x	x			B			
Elk Cr.	C	5.7	14,61N,19W	6,55N,20W	Chariton			x	x			B			
Elk Cr.	C	11.5	Silver Lake	25,57N,20W	Chariton	Linn		x	x			B			
Elk Fk.	C	10.5	Mouth	35,42N,30W	Bates			x	x			B			
Elk Fk.	P	7.0	Mouth	04,44N,23W	Pettis			x	x			B			
Elk Fk. Salt R.	P	7.7	Mouth	26,54N,10W	Monroe			x	x			B	x		
Elk Fk. Salt R.	C	38.6	26,54N,10W	16,54N,13W	Monroe	Randolph		x	x			B	x		
Elk R.	P	23.2	State Line	34,22N,32W	McDonald		x	x	x	x		A	x		
Elkhorn Br.	C	1.5	Mouth	6,21N,8W	Howell			x	x			B			
Elkhorn Cr.	C	21.4	Mouth	3,48N,5W	Montgomery			x	x			B			
Elkhorn Cr.	C	2.3	Mouth	3,26N,19W	Christian			x	x			B			
Elkhorn Cr.	C	11.8	Mouth	13,63N,37W	Nodaway			x	x			B	x		
Elkhorn Cr.	P	5.8	Mouth	26,23N,31W	McDonald		x	x	x			B			
Elm Br.	C	3.0	Mouth	7,43N,23W	Henry			x	x			B	x		
Elm Br.	C	3.0	Mouth	27,53N,8W	Monroe			x	x			B			
Elm Br.	C	4.5	Mouth	3,65N,21W	Putnam			x	x			B			
Elm Cr.	C	9.6	Mouth	20,66N,15W	Schuyler			x	x			B			
Elm Grove Br.	C	4.2	Mouth	27,61N,33W	Dekalb	Gentry		x	x			B			
Elm Spring Br.	C	1.0	6,24N,31W	7,24N,31W	Newton			x	x			B			
Ely Cr.	C	4.3	Mouth	1,55N,7W	Ralls			x	x			B			
Emery Hollow	C	3.9	Mouth	28,31N,10W	Texas			x	x						
Emory Cr.	C	2.0	Mouth	31,24N,21W	Taney			x	x			B			
English Cr.	C	2.8	State Line	33,22N,6W	Oregon			x	x			B			
Establishment Cr.	P	17.7	Mouth	23,37N,7E	Ste. Genevieve			x	x			B			
Establishment Cr.	C	2.5	23,37N,7E	33,37N,7E	Ste. Genevieve			x	x			B			

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Fabius R.	PI	3.5	Mouth	24,59N,6W	Marion		x	x	x			B		x	
Factory Cr.	C	4.2	2,46N,14W	32,47N,14W	Moniteau			x	x			B		x	
Factory Cr.	P	1.7	Mouth	2,46N,14W	Moniteau			x	x			B			
Fall Cr.	P	1.0	Mouth	11,22N,22W	Taney			x	x			B			
Fall Cr.	C	3.9	11,22N,22W	28,23N,22W	Taney	Stone		x	x			B			
Fassnight Cr.	P	2.8	Mouth	25,29N,22W	Greene			x	x			B			
Fassnight Cr.	C	1.2	25,29N,22W	30,29N,21W	Greene			x	x			B			
Feaster Cr.	C	0.6	Mouth	31,41N,21W	Benton			x	x			B			
Fee Fee Cr. (new)	P	1.5	Mouth	Sur 992,46N,5E	St. Louis			x	x			B			
Fee Fee Cr. (old)	P	1.0	Mouth	1 Mi. above Hwy. 70	St. Louis			x	x			B			
Femme Osage Cr.	P	8.2	Mouth	29,45N,2E	St. Charles			x	x			B			
Femme Osage Cr.	C	2.0	29,45N,2E	24,45N,1E	St. Charles			x	x			B			
Fenton Cr.	C	0.6	Mouth	23,43N,1W	Franklin			x	x						
Fenton Cr.	P	0.5	Mouth	35,43N,05E	St. Louis			x	x			B			
Fiddle Cr.	C	3.8	Mouth	16,44N,2E	Franklin			x	x			B			
Fidelity Br..	P	2.6	Mouth	9,27N,31W	Jasper			x	x			B			
Fiery Fk.	C	2.0	Mouth	26,39N,19W	Camden			x	x			B			
Finley Cr.	P	51.6	Mouth	19,28N,16W	Stone	Webster		x	x	x		A		x	
Finn Br.	C	3.5	4,35N,8W	1,35N,8W	Phelps	Dent		x	x			B			
Finney Cr.	P	1.2	Mouth	28,49N,21W	Saline			x	x			B		x	
Finney Cr.	C	2.4	28,49N,21W	20,49N,21W	Saline			x	x			B			
Fire Br.	C	5.4	Mouth	27,54N,28W	Ray			x	x			B			
Fire Prairie Cr.	P	13.0	Mouth	18,50N,30W	Jackson			x	x			B			
First Cr.	P	1.6	Mouth	14,45N,6W	Gasconade			x	x			B			
First Cr.	C	10.7	14,45N,6W	5,44N,5W	Gasconade			x	x			B			
First Cr.	C	4.7	Mouth	9,52N,33W	Clay	Platte		x	x			B			
Fish Br.	C	1.9	Mouth	28,52N,9W	Audrain			x	x			B			
Fish Cr.	C	12.4	Mouth	21,51N,19W	Saline			x	x			B			
Fish Lake Ditch	C	6.5	3,24N,16E	28,25N,17E	Mississippi			x	x			B			
Fish Trap Slough	C	8.2	State Line	33,23N,8E	Butler			x	x			B			
Fishing R.	P	26.4	Mouth	3,52N,31W	Ray	Clay	x	x	x			B			
Fishing R.	C	8.5	3,52N,31W	24,52N,32W	Clay			x	x			B			
Fishpot Cr.	P	3.5	Mouth	13,44N,04E	St. Louis			x	x			B			
Fishwater Cr.	P	4.8	Mouth	33,35N,4W	Dent			x	x			B			
Fivemile Cr.	P	5.0	State Line	21,26N,33W	Newton		x	x	x			B			
Flagstaff Cr.	C	4.7	Mouth	3,47N,25W	Johnson			x	x			B			
Flat Cr.	C	13.5	Mouth	2,54N,13W	Monroe	Randolph		x	x			B			
Flat Cr.	P	42.3	28,24N,24W	9,23N,27W	Stone	Barry		x	x	x		A		x	
Flat Cr.	P	2.5	9,23N,27W	21,23N,27W	Barry		x	x	x		x	A		x	
Flat Cr.	P	8.3	21,23N,27W	13,22N,28W	Barry			x	x	x		A		x	
Flat Cr.	C	6.0	Mouth	20,24N,3E	Ripley			x	x			B			
Flat Cr.	C	1.2	Mouth	27,43N,1W	Franklin			x	x			B		x	
Flat Cr.	P	2.7	Mouth	1,43N,03E	St. Louis			x	x			B			
Flat Cr.	C	6.4	Mouth	8,49N,19W	Saline	Cooper		x	x			B			
Flat Cr.	P	23.7	Mouth	13,45N,21W	Morgan	Pettis		x	x			B		x	
Flat Cr.	C	22.0	13,45N,21W	02,43N,23W	Pettis			x	x			B		x	
Flat River Cr.	C	10.0	Mouth	21,36N,4E	St. Francois			x	x			B			
Flat Rock Cr.	C	0.5	Mouth	05,40N,20W	Benton			x	x			B			
Flatrock Cr.	P	2.0	Mouth	1,33N,12E	Cape Girardeau			x	x			B			
Flatrock Cr.	C	1.5	1,33N,12E	12,33N,12E	Cape Girardeau			x	x			B			

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Fleck Cr.	C	4.3	Mouth	29,32N,33W	Barton			x	x			B			
Fletcher Cr.	C	4.0	Mouth	State Line	Worth			x	x			B			
Flinger Br.	C	1.7	Mouth	17,28N,08W	Texas			x	x						
Flint Bottom Cr.	C	3.0	Mouth	21,37N,8E	Ste. Genevieve			x	x			B			
Flint Hill Br.	P	3.3	Mouth	9,30N,22W	Greene			x	x			B			
Flora Cr.	P	6.0	Mouth	35,32N,14E	Cape Girardeau			x	x			B			
Florida Cr.	C	8.4	Mouth	24,64N,37W	Nodaway			x	x			B			
Floyd Cr.	C	5.1	Mouth	29,63N,14W	Adair			x	x			B			
Flucom Br.	C	1.7	Mouth	12,39N,5E	Jefferson			x	x			B			
Fly Cr.	P	2.5	Mouth	30,40N,9W	Maries			x	x			B			
Fly Cr.	C	0.5	30,40N,9W	30,40N,9W	Maries			x	x			B			
Fly Cr.	C	5.6	Mouth	02,35N,29W	Vernon			x	x			B			
Fonso Br.	P	1.7	Mouth	6,47N,6W	Montgomery			x	x			B			
Fork Cr.	C	4.8	Mouth	6,44N,4W	Franklin	Gasconade		x	x			B			
Fortune Br.	C	2.7	Mouth	9,23N,26W	Barry			x	x			B			
Foster Cr.	C	2.0	Mouth	4,30N,12E	Cape Girardeau			x	x			B			
Fountain Farm Br.	C	1.8	Mouth	32,38N,03E	Washington			x	x				x		
Fourche a DuClos Cr.	P	8.2	Mouth	30,38N,7E	Ste. Genevieve			x	x			B			
Fourche a DuClos Cr.	C	3.0	30,38N,7E	3,37N,6E	Ste. Genevieve			x	x			B			
Fourche a Renault Cr.	P	8.8	7,38N,2E	Sunnen Lake Dam	Washington			x	x			B			
Fourche a Renault Cr.	P	0.5	Sunnen Lake	15,37N,1E	Washington			x	x			B			
Fourche a Renault Cr.	C	2.4	15,37N,1E	23,37N,1E	Washington			x	x			B			
Fourche Cr.	P	14.6	State Line	15,23N,1W	Ripley		x	x	x	x		A	x		
Fourmile Cr.	C	5.5	Mouth	29,34N,18W	Dallas			x	x			B			
Fowler Cr.	C	6.0	Mouth	13,46N,12W	Boone			x	x			B			
Fox Cr.	P	7.2	Mouth	30,44N,03E	St. Louis			x	x			B			
Fox Cr.	C	0.5	Mouth	28,22N,20W	Taney			x	x			B			
Fox Cr.	P	4.0	Mouth	9,25N,13W	Douglas			x	x			B			
Fox Cr.	C	5.0	9,25N,13W	29,26N,13W	Douglas			x	x			B			
Fox Cr.	C	6.1	Mouth	20,63N,26W	Harrison			x	x			B			
Fox R.	P1	12.3	Mouth	6,64N,6W	Clark			x	x			B	x	x	
Fox R.	P	42.0	6,64N,6W	State Line	Clark			x	x			B	x		
Franklin Cr.	C	3.0	Mouth	32,26N,7E	Butler			x	x			B			
Frederick Cr.	P	3.4	Mouth	8,22N,2W	Oregon			x	x			A	x		
Frederick Cr.	C	15.0	8,22N,2W	2,22N,4W	Oregon			x	x			B	x		
Frene Cr.	C	3.3	35,46N,5W	10,45N,5W	Gasconade			x	x			B			
Frene Cr.	P	1.8	Mouth	35,46N,5W	Gasconade			x	x			B			
Froe Hollow	P	2.0	Mouth	34,34N,4E	Iron			x	x			B			
Froggy Br.	C	1.2	Mouth	5,33N,11E	Cape Girardeau			x	x			B			
Funk Br.	C	3.3	Mouth	32,31N,3E	Reynolds	Iron		x	x			B			
Furnace Cr.	P	2.8	Mouth	14,36N,2E	Washington			x	x			B			
Gabriel Cr.	P	5.0	Mouth	7,44N,18W	Morgan			x	x			A	x		
Gabriel Cr.	C	13.6	07,44N,18W	03,42N,19W	Morgan			x	x			B	x		
Galbreath Cr.	C	5.8	18,53N,12W	22,53N,13W	Monroe	Randolph		x	x			B			
Galena Hollow	C	3.6	Mouth	20,23N,26W	Barry			x	x			B			
Galligher Cr.	P	0.2	Mouth	20,41N,04E	Jefferson			x	x			B			
Gallinipper Cr.	C	1.3	Mouth	36,39N,26W	St. Clair			x	x			B			
Gallinipper Cr.	C	3.0	36,39N,26W	27,39N,26W	St. Clair			x	x			B			
Galloway Cr.	P	3.2	Mouth	4,28N,21W	Greene			x	x			B			
Ganaway Cr.	C	2.0	Mouth	25,52N,16W	Howard			x	x			B			

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Gans Cr.	C	5.5	1,47N,13W	33,48N,12W	Boone			x	x			A			
Garrison Br.	C	2.0	Mouth	29,25N,19W	Christian			x	x			B			
Garrison Br.	C	0.7	23,27N,21W	23,27N,21W	Christian			x	x			B			
Garrison Fk.	C	6.8	Mouth	13,50N,27W	Lafayette			x	x			B			
Gasconade R.	P	264.0	Mouth	6,29N,14W	Gasconade	Wright		x	x	x		A	x	x	
Gasconade R.	P	11.2	6,29N,14W	26,29N,16W	Wright			x	x			B			
Gasconade R.	C	4.8	26,29N,16W	19,29N,16W	Wright	Webster		x	x			B			
Gees Cr.	C	13.8	Mouth	29,60N,25W	Livingston	Grundy		x	x			B			
Gillum Cr.	C	2.5	Mouth	23,39N,33W	Bates			x	x				x		
Gimlet Cr.	P	1.5	Mouth	26,31N,7E	Madison			x	x			B			
Girard Br.	C	2.5	Mouth	33,41N,1E	Franklin			x	x			B			
Givins Br.	C	4.7	Mouth	11,31N,19W	Webster			x	x			B			
Gizzard Cr.	P	0.9	Mouth	27,30N,7E	Wayne			x	x			B			
Gizzard Cr.	P	2.0	Mouth	6,29N,11E	Cape Girardeau	Bollinger		x	x			B			
Gizzard Cr.	C	1.6	6,29N,11E	36,30N,10E	Bollinger			x	x			B			
Gladden Cr.	P	2.5	Mouth	13,31N,6W	Shannon			x	x			B			
Gladden Cr.	C	15.2	13,31N,6W	5,32N,5W	Shannon	Dent		x	x			B			
Glade Cr.	C	0.9	Mouth	Sur	Iron			x	x			B			
Glaze Cr.	P	6.1	Mouth	22,42N,5E	Jefferson			x	x			B			
Glaze Cr.	C	2.0	22,42N,5E	21,42N,5E	Jefferson			x	x			B			
Glendale Fk.	C	5.4	Mouth	14,31N,33W	Barton			x	x				x		
Goldsbarr Hollow	C	2.7	Mouth	31,23N,16W	Ozark			x	x			B			
Goose Cr.	P	4.0	Mouth	10,28N,25W	Lawrence			x	x		x	B			
Goose Cr.	C	6.5	Mouth	25,38N,6E	Ste. Genevieve	St. Francois		x	x			B			
Goose Cr.	P	4.0	Mouth	17,35N,10E	Perry			x	x			B			
Goose Cr.	C	1.3	17,35N,10E	24,35N,9E	Perry			x	x			B			
Goose Cr.	P	1.0	Mouth	18,39N,1E	Washington			x	x			B			
Goose Cr.	C	2.0	18,39N,1E	21,39N,1E	Washington			x	x			B			
Goose Cr.	C	2.8	Mouth	Sur 837,35N,2E	Washington			x	x			B			
Goose Cr.	C	3.0	Mouth	Sur	Cape Girardeau			x	x				x		
				183,31N,13E											
Goose Cr.	C	1.5	Mouth	30,29N,7E	Wayne			x	x			B			
Goose Cr.	C	4.0	Mouth	28,26N,5E	Butler			x	x			B	x		
Goose Cr.	P	1.4	Mouth	22,33N,7E	Madison			x	x			B			
Goose Cr.	C	1.6	22,33N,7E	27,33N,7E	Madison			x	x			B			
Goose Cr.	P	2.4	Mouth	32,62N,29W	Daviess			x	x			B			
Goose Cr.	C	4.4	Mouth	14,56N,29W	Caldwell			x	x			B			
Goose Pond Ditch	C	4.3	21,27N,9E	8,26N,9E	Stoddard			x	x			B			
Gooseneck Br.	C	2.5	Mouth	22,37N,20W	Hickory			x	x			B			
Gordon Cr.	P	2.0	Mouth	15,32N,3W	Dent			x	x			B			
Gordon Cr.	C	0.5	15,32N,3W	11,32N,3W	Dent			x	x			B			
Gower Br.	C	2.3	Mouth	09,32N,19W	Dallas			x	x			B			
Gracey Cr.	C	2.0	Mouth	6,42N,16W	Morgan			x	x			B			
Grand Glaize Cr.	C	4.0	Mouth	9,44N,5E	St. Louis			x	x			B			
Grand R.	P	127.5	19,23N,57W	State Line	Livingston	Worth	x	x	x			A	x	x	
Grand R.	P	56.0	Mouth	Shoal Cr.	Chariton	Livingston	x	x	x			A	x	x	
Granddaddy Cr.	C	1.5	Mouth	26,41N,28W	Henry			x	x			B			
Grandglaize Cr.	P	7.6	Mouth	24,38N,15W	Miller	Camden		x	x			A	x		
Granny Cr.	P	1.0	Mouth	6,30N,11E	Bollinger			x	x			B			
Granny Cr.	C	1.2	6,30N,11E	31,31N,11E	Bollinger			x	x			B			
Grantham Cr.	C	3.4	Mouth	2,64N,33W	Gentry			x	x						

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Grassy Cr.	C	1.8	Mouth	10,54N,2W	Pike			x	x			B			
Grassy Cr.	C	2.4	Mouth	26,48N,22W	Saline	Pettis		x	x			B			
Grassy Cr.	C	19.8	Mouth	34,61N,8W	Marion	Lewis		x	x			B			
Grassy Cr.	C	5.0	20,30N,8E	14,30N,8E	Bollinger			x	x			B			
Grassy Cr.	P	1.3	Mouth	20,30N,8E	Bollinger			x	x			B			
Grassy Hollow	C	3.9	Mouth	09,28N,07W	Texas			x	x			B			
Graveyard Br.	C	0.9	Mouth	01,42N,09W	Osage			x	x			B			
Gravois Cr.	P	9.3	Mouth	20,42N,18W	Morgan			x	x			A	x		
Gravois Cr.	P	2.3	Mouth	24,44N,6E	St. Louis City	St. Louis		x	x			B			
Gravois Cr.	C	6.0	24,44N,6E	16,44N,6E	St. Louis			x	x			B			
Grays Cr.	P	13.8	Mouth	35,45N,13W	Cole			x	x			B			
Grays Cr.	C	1.0	35,45N,13W	34,45N,13W	Cole			x	x			B			
Greasy Cr.	C	1.5	Mouth	11,29N,3E	Wayne			x	x			B			
Greasy Cr.	P	4.2	Mouth	31,34N,19W	Dallas			x	x		x	B			
Greasy Cr.	C	11.5	31,34N,19W	11,32N,20W	Dallas			x	x		x	B			
Greasy Cr.	C	4.1	Mouth	23,35N,7E	Ste. Genevieve			x	x			B			
Greasy Cr.	C	4.2	Mouth	12,21N,29W	Barry			x	x			B			
Greasy Cr.	C	0.7	14,45N,08W	13,45N,08W	Osage			x	x			B			
Greasy Cr.	P	0.2	Mouth	14,45N,08W	Osage			x	x			B			
Greedy Cr.	C	1.7	20,41N,06W	18,41N,06W	Gasconade			x	x			B	x		
Greedy Cr.	P	0.8	Mouth	20,41N,06W	Gasconade			x	x			B			
Green Spring Br.	C	1.8	Mouth	02,35N,25W	St. Clair	Cedar		x	x			B			
Greenbriar Cr.	C	2.0	Mouth	27,24N,2W	Oregon			x	x			B			
Greens Cr.	C	0.7	Mouth	2,39N,2W	Crawford			x	x			B			
Greenwood Valley	C	1.9	Mouth	28,28N,3E	Wayne			x	x			B			
Greer Br.	C	6.6	Mouth	23,47N,21W	Pettis			x	x			B			
Greer Cr.	C	1.8	Mouth	25,31N,19W	Webster			x	x			B			
Greer Spring Br.	P	1.3	Mouth	36,25N,4W	Oregon			x	x		x	B			
Greggs Cr.	C	2.0	Mouth	2653,51N,17W	Howard			x	x			B			
Greys Lake	C	5.2	13,66N,42W	10,66N,42W	Atchison			x	x			B			
Grindstone Br.	C	6.0	Mouth	25,51N,13W	Boone			x	x			B			
Grindstone Cr.	P	17.9	Mouth	35,59N,30W	Daviess	Dekalb		x	x			A	x		
Grindstone Cr.	C	19.4	35,59N,30W	24,57N,31W	Dekalb	Clinton		x	x			B			
Grindstone Cr.	C	2.5	Mouth	20,48N,12W	Boone			x	x			A			
Groshong Br.	C	1.5	Mouth	12,48N,1E	Lincoln			x	x			B			
Grounds Cr.	C	1.3	Mouth	4,32N,8E	Madison			x	x			B			
Grove Cr.	P	2.9	Mouth	1,27N,32W	Jasper			x	x			B			
Grove Cr.	C	3.3	Mouth	8,54N,33W	Platte			x	x			B			
Guinns Cr.	C	0.5	Mouth	30,52N,2E	Pike			x	x			B			
Gulley Spring Cr.	C	4.3	Mouth	5,21N,14W	Ozark			x	x			B			
Gum Spring Br.	C	0.5	Hwy. W	31,43N,11W	Cole			x	x			B			
Gum Spring Cr.	P	1.0	Mouth	Hwy. W	Cole			x	x			B			
Gunter Cr.	C	6.7	Mouth	29,24N,27W	Barry			x	x			B			
Hackberry Br.	C	4.5	Mouth	29,35N,32W	Vernon			x	x			B			
Haldiman Br.	C	3.0	Mouth	10,46N,14W	Moniteau			x	x			B			
Half Moon Bayou	C	3.0	23,17N,12E	8,17N,13E	Pemiscot			x	x			B			
Halls Cr.	C	1.5	Mouth	18,46N,8W	Callaway			x	x			B			
Halsey Hollow	C	2.2	Mouth	2,35N,18W	Dallas			x	x			B			
Hamilton Cr.	P	4.5	Mouth	5,29N,10W	Texas			x	x			B			
Hamilton Cr.	C	2.0	5,29N,10W	7,29N,10W	Texas			x	x			B			

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Hamilton Cr.	C	2.2	Mouth	29,40N,1W	Washington			x	x			B			
Hamilton Cr.	P	1.8	Mouth	14,44N,03E	St. Louis			x	x			B			
Hancock Hollow	C	1.0	Mouth	2,25N,21W	Christian			x	x			B			
Hankens Br.	C	1.0	Mouth	33,33N,20W	Dallas			x	x			B			
Harding Cr.	C	3.0	Mouth	15,43N,33W	Cass			x	x			B			
Harless Cr.	C	2.3	34,44N,33W	28,44N,33W	Cass			x	x			B			
Harpst Chute	P	5.5	Mouth	30,54N,36W	Platte			x	x			B			
Harris Br.	C	1.0	Mouth	18,39N,1W	Washington			x	x			B			
Harris Cr.	C	5.6	Mouth	34,23N,3E	Ripley			x	x			B			
Harrison Br.	P	1.0	Mouth	15,24N,33W	Newton			x	x			B			
Harrison Br.	C	1.7	15,24N,33W	23,24N,33W	Newton			x	x			B			
Harrison Br.	C	3.7	Mouth	32,49N,8W	Callaway			x	x			B			
Hart Cr.	C	3.2	Mouth	6,45N,12W	Boone			x	x			B			
Harviell Ditch (#3)	C	16.2	State Line	12,23N,5E	Ripley	Butler	x	x	x			B			
Haverstick Cr.	C	1.5	Mouth	29,40N,5E	Jefferson			x	x			B			
Haw Cr.	C	1.0	Mouth	33,40N,13W	Miller			x	x			B			
Haw Cr.	P	17.5	Mouth	6,42N,19W	Morgan			x	x			A	x		
Haw Cr.	C	1.5	6,42N,19W	12,42N,20W	Morgan	Benton		x	x			B			
Hawker Br.	C	2.5	16,33N,26W	18,33N,26W	Cedar			x	x			B			
Hawker Cr.	P	8.6	Mouth	16,29N,9E	Bollinger			x	x			B			
Hawker Cr.	C	1.5	16,29N,9E	8,29N,9E	Bollinger			x	x			B			
Hawn Cr.	C	0.9	Mouth	30,32N,9E	Bollinger			x	x			B			
Hayden Cr.	C	2.7	Mouth	7,36N,4E	St. Francois			x	x			B			
Hays Cr.	C	2.0	Mouth	29,54N,5W	Ralls			x	x			B			
Hayzlett Br.	P	2.4	Mouth	25,62N,37W	Nodaway			x	x			B			
Hazel Cr.	P	9.0	Mouth	20,36N,1E	Washington			x	x			B			
Hazel Cr.	C	2.2	20,36N,1E	15,36N,1E	Washington			x	x			B			
Hazel Cr.	C	5.6	Mouth	31,64N,15W	Adair			x	x			B			
Hazel Run	C	4.3	Mouth	35,38N,5E	St. Francois			x	x			B			
Hazelton Spring	P	0.1	Mouth	34,33N,10W	Texas			x	x			B			
Heads Cr.	P	2.7	Mouth	3,42N,4E	Jefferson			x	x			B			
Heads Cr.	C	2.4	3,42N,4E	14,42N,4E	Jefferson			x	x			B			
Headwater Div. Chan.	P	20.3	Mouth	4,29N,11E	Cape Girardeau			x	x			A	x	x	
Heat String Cr.	C	1.3	Mouth	36,49N,8W	Callaway			x	x			B			
Heaths Cr.	P	21.0	Mouth	27,48N,21W	Cooper	Pettis		x	x	x		B			
Heaths Cr.	C	11.5	27,48N,22W	17,47N,22W	Pettis			x	x	x		B			
Henderson Cr.	P	0.4	Mouth	32,33N,8E	Madison			x	x			B			
Henderson Cr.	C	1.7	32,33N,8E	30,33N,7E	Madison			x	x			B			
Henderson Hollow	C	0.9	Mouth	16,30N,4E	Iron			x	x			B			
Henpeck Hollow	C	2.2	Mouth	22,38N,2W	Crawford			x	x			B			
Henry Cr.	C	3.7	23,44N,22W	36,44N,22W	Pettis			x	x			B			
Henry Cr.	P	1.7	Mouth	23,44N,22W	Pettis			x	x			B			
Hess Cr.	C	3.1	Mouth	13,47N,22W	Pettis			x	x			B			
Hicklin Cr.	C	5.3	Mouth	12,34N,29W	Cedar			x	x			B			
Hickory Br.	C	6.8	Mouth	7,55N,20W	Chariton			x	x			B			
Hickory Cr	C	1.0	Mouth	1,59N,38W	Holt			x	x			B			
Hickory Cr.	C	4.2	Mouth	20,37N,7E	Ste. Genevieve			x	x			B			
Hickory Cr.	C	6.6	Mouth	2,51N,6W	Audrain			x	x			B			
Hickory Cr.	C	2.7	Mouth	11,25N,6E	Butler			x	x			B			
Hickory Cr.	C	1.2	Mouth	21,61N,37W	Holt			x	x			B			
Hickory Cr.	P	4.9	Mouth	28,25N,31W	Newton			x	x			A			

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Hickory Cr.	C	1.5	Mouth	11,61N,34W	Andrew			x	x			B			
Hickory Cr.	C	2.8	Mouth	11,60N,28W	Daviess			x	x						
Hickory Cr.	P	3.0	Mouth	22,61N,31W	Gentry			x	x			B			
Hickory Cr.	C	10.9	Mouth	9,60N,25W	Grundy			x	x			B			
Hickory Flat Cr.	P	1.0	Mouth	6,27N,7E	Wayne			x	x			B			
Higgins Cr.	C	1.3	Mouth	34,43N,12W	Cole			x	x			B			
High Cr.	C	6.3	20,66N,41W	13,66N,41W	Atchison			x	x			B			
High Cr. Ditch	C	3.7	22,66N,42W	20,66N,41W	Atchison			x	x			B			
Highly Cr.	C	3.9	Mouth	7,62N,37W	Holt			x	x			B			
Hightower Cr.	C	5.1	Mouth	30,37N,30W	Vernon			x	x			B			
Hillers Cr.	P	5.8	Mouth	32,45N,9W	Callaway			x	x			B			
Hillers Cr.	C	12.8	32,45N,9W	34,46N,10W	Callaway			x	x			B			
Hinch Br.	P	1.5	Mouth	33,39N,2W	Crawford			x	x			B			
Hinch Br.	C	1.9	33,39N,2W	4,38N,2W	Crawford			x	x			B			
Hinkson Cr.	P	7.6	Mouth	Hwy. 163	Boone			x	x			B	x		
Hinkson Cr.	C	18.8	Hwy. 163	36,50N,12W	Boone			x	x			B			
Hippo Br.	C	2.3	Mouth	7,54N,5W	Ralls			x	x			B			
Hocum Hollow	C	0.5	Mouth	Sur	Jefferson			x	x						
				1856,40N,6E											
Hodge Cr.	C	2.0	28,32N,4W	16,32N,4W	Dent			x	x			B			
Hog Cr.	P	5.1	Mouth	06,29N,9W	Texas			x	x	x		B			
Hog Cr.	C	4.4	06,29N,9W	16,29N,09W	Texas			x	x			B			
Hog Cr.	C	6.5	Mouth	18,62N,16W	Adair			x	x			B			
Hog Cr.	C	1.9	14,31N,10E	3,31N,10E	Bollinger			x	x			A			
Hog Cr.	P	9.4	Mouth	14,31N,10E	Cape Girardeau	Bollinger		x	x			B			
Hogan Fk.	C	5.8	Mouth	17,44N,26W	Johnson			x	x					x	
Hogard Cr.	C	1.3	Mouth	1,22N,14W	Ozark			x	x			B			
Hogles Cr.	P	17.8	Mouth	5,37N,23W	Benton	Hickory		x	x	x		B			
Hogles Cr.	C	6.4	5,37N,23W	34,37N,23W	Hickory			x	x	x		B			
Holland Br.	C	3.0	Mouth	10,54N,34W	Platte			x	x			B			
Holtzclaw Cr.	C	2.0	Mouth	15,53N,32W	Clay			x	x			B			
Homes Cr.	C	5.2	Mouth	Hwy 33	Clay			x	x			B			
Hominy Br.	C	1.0	Mouth	17,48N,12W	Boone			x	x			B	x		
Hominy Cr.	P	13.2	Mouth	15,33N,21W	Polk			x	x			B			
Honey Cr.	C	8.5	Mouth	24,43N,27W	Henry			x	x			B			
Honey Cr.	P	16.5	Mouth	22,27N,25W	Lawrence			x	x			B			
Honey Cr.	C	2.7	22,27N,25W	35,27N,25W	Lawrence			x	x			B			
Honey Cr.	P	2.6	State Line	State Line	McDonald		x	x	x			A			
Honey Cr.	P	12.2	Mouth	1,65N,34W	Nodaway			x	x			B			
Honey Cr.	C	6.7	1,65N,34W	18,66N,33W	Nodaway			x	x			B			
Honey Cr.	Pl	7.0	Mouth	33,64N,6W	Clark			x	x			B	x		
Honey Cr.	C	15.0	Hwy 61	Hwy 81	Clark			x	x			B			
Honey Cr.	C	8.3	Mouth	35,59N,28W	Daviess			x	x			B			
Honey Cr.	C	25.1	Mouth	29,63N,23W	Livingston	Grundy		x	x			B			
Honey Cr.	C	2.6	Mouth	13,46N,19W	Cooper			x	x			B			
Honey Cr.	C	7.0	Mouth	14,47N,27W	Johnson			x	x			B			
Honey Cr.	C	4.6	Mouth	29,43N,12W	Cole			x	x			B	x		
Honey Cypress Ditch	P	14.7	Mouth	27,18N,8E	Dunklin			x	x			B			
Honey Run	C	1.7	Mouth	6,38N,15W	Camden			x	x			B			
Hoosier Cr.	C	2.2	Mouth	11,41N,1W	Franklin			x	x			B			
Hoover Cr.	C	7.2	Mouth	1,55N,14W	Macon	Randolph		x	x			B			
Hope Cr.	C	1.7	Mouth	35,44N,7W	Osage			x	x			B			

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Hopewell Cr.	C	1.0	Mouth	3,36N,3E	Washington			x	x			B			
Horrell Cr.	P	3.0	Mouth	Sur	Cape Girardeau			x	x			B			
				233,32N,12E											
Horrell Cr.	C	1.7	Sur 233, 32N12E	2,32N,12E	Cape Girardeau			x	x			B			
Horse Cr.	P	27.7	Mouth	35,34N,29W	Cedar	Vernon	x	x	x			B			
Horse Cr.	C	34.6	35,34N,29W	15,31N,28W	Vernon	Dade		x	x			B			
Horse Cr.	C	2.0	Mouth	26,25N,23W	Stone			x	x			B			
Horse Fk.	C	4.4	Mouth	6,55N,31W	Clinton			x	x			B			
Horseshoe Cr.	C	5.8	Mouth	10,48N,29W	Jackson	Lafayette		x	x			B			
Horstman Cr.	C	2.0	Mouth	7,45N,4W	Gasconade			x	x			B			
Houfs Cr.	C	1.6	Mouth	27,48N,9W	Callaway			x	x			B			
Housgen Cr.	C	0.9	Mouth	2,44N,9W	Osage			x	x			B			
Howard Cr.	C	4.3	Mouth	2,46N,15W	Moniteau			x	x			B			
Howell Cr.	C	16.8	Mouth	22,24N,8W	Oregon	Howell		x	x			B			
Hubble Cr.	P	15.0	Mouth	Sur	Cape Girardeau			x	x			B			
				2250,31N,12E											
Hubble Cr.	C	2.5	Sur	Sur	Cape Girardeau			x	x			B	x		
				2250,31N,12E											
Hubble Cr.	P	1.5	Mouth	23,29N,5E	Wayne			x	x			B			
Hubble Cr.	C	2.0	23,29N,5E	11,29N,5E	Wayne			x	x			B			
Hudson Cr.	C	4.5	Mouth	11,25N,28W	Barry			x	x			B	x		
Huff Cr.	C	2.0	Mouth	6,69N,37W	Nodaway			x	x			B			
Huffstetter Lateral	P	12.0	6,23N,11E	16,25N,11E	Stoddard			x	x			B			
Hughes Cr.	P	3.0	Mouth	15,33N,12E	Cape Girardeau			x	x			B			
Hughes Cr.	C	2.9	15,33N,12E	20,33N,12E	Cape Girardeau			x	x			B			
Huldy Hollow	C	2.0	Mouth	28,31N,07W	Texas			x	x						
Humphrey Cr.	P	1.2	Mouth	1,40N,13W	Miller			x	x			B			
Hungry Cr.	C	2.1	Mouth	5,27N,11W	Douglas			x	x			B			
Hungry Mother Cr.	C	9.5	Mouth	18,51N,14W	Howard			x	x			B			
Hunke Cr.	C	1.8	Mouth	33,43N,06W	Gasconade			x	x			B			
Hunt Br.	P	0.5	22,28N,21W	22,28N,21W	Greene			x	x			B			
Hunt Br.	P	1.0	23,28N,21W	24,28N,21W	Greene			x	x			B			
Hunter Cr.	P	10.2	Mouth	6,26N,15W	Douglas			x	x			A	x		
Hunter Cr.	C	3.2	Mouth	20,30N,6E	Wayne			x	x			B			
Hurricane Br.	C	1.8	Mouth	27,59N,26W	Davies			x	x			B			
Hurricane Cr.	P	1.9	Mouth	30,24N,12W	Ozark			x	x		x	B			
Hurricane Cr.	P	3.4	Mouth	28,25N,3W	Oregon			x	x			A	x		
Hurricane Cr.	C	6.1	28,25N,3W	4,25N,3W	Oregon			x	x			B			
Hurricane Cr.	C	6.0	Mouth	Hwy. 21	Ripley			x	x			B			
Hurricane Cr.	C	6.2	Mouth	35,55N,22W	Carroll			x	x			B			
Hurricane Cr.	C	3.8	Mouth	23,51N,17W	Howard			x	x			B			
Hurricane Cr.	P	12.4	Mouth	35,32N,9E	Bollinger			x	x			A			
Huzzah Cr.	P	35.8	Mouth	1,34N,3W	Crawford	Dent		x	x	x		A	x		
Huzzah Cr.	P	1.0	Mouth	31,31N,6E	Madison			x	x			B			
Hyatts Cr.	P	2.5	Mouth	2,31N,2E	Reynolds			x	x			B			
Hyde Cr.	P	4.4	Mouth	33,31N,16W	Webster			x	x			B			
Imboden Fk.	P	6.4	Mouth	27,34N,2E	Reynolds	Iron		x	x			B			
Indian Br.	C	3.8	Mouth	22,58N,25W	Livingston			x	x			B			
Indian Camp Cr.	P	3.3	Mouth	6,47N,1E	St. Charles			x	x			B			
Indian Camp Cr.	C	3.5	2,47N,1W	4,47N,1W	St. Charles	Warren		x	x			B			
Indian Cr.	C	3.3	Mouth	3,55N,8W	Monroe			x	x			B			

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Indian Cr.	C	3.0	Mouth	5,41N,16W	Morgan			x	x			A		x	
Indian Cr.	P	7.7	Mouth	21,42N,20W	Benton			x	x	x		B			
Indian Cr.	C	1.2	Mouth	22,42N,8W	Osage			x	x			B			
Indian Cr.	P	3.7	Mouth	30,30N,9W	Texas			x	x			B			
Indian Cr.	C	2.7	30,30N,9W	27,30N,9W	Texas			x	x			B		x	
Indian Cr.	C	20.0	Mouth	17,52N,4W	Pike			x	x			B			
Indian Cr.	C	3.6	Mouth	Sur	Ste. Genevieve			x	x			B			
				2062,38N,8E											
Indian Cr.	P	8.1	Mouth	10,32N,13E	Cape Girardeau			x	x			B			
Indian Cr.	P	1.0	Mouth	35,35N,3W	Crawford			x	x			B			
Indian Cr.	C	2.0	35,35N,3W	34,35N,3W	Crawford	Dent		x	x			B			
Indian Cr.	P	1.9	Mouth	18,35N,1W	Washington			x	x			B			
Indian Cr.	P	21.4	Mouth	36,39N,01W	Franklin	Washington		x	x		x	B			
Indian Cr.	C	3.4	36,39N,1W	8,38N,1E	Washington			x	x	x		B			
Indian Cr.	C	2.1	Mouth	28,21N,24W	Stone			x	x			B			
Indian Cr.	P	10.0	Mouth	35,27N,11W	Douglas			x	x			B			
Indian Cr.	C	7.5	35,27N,11W	22,27N,10W	Douglas	Howell		x	x			B			
Indian Cr.	P	6.1	Mouth	7,25N,7E	Butler			x	x			B			
Indian Cr.	C	1.6	7,25N,7E	6,25N,7E	Butler			x	x			B			
Indian Cr.	P	5.5	Mouth	5,34N,4E	St. Francois			x	x			A			
Indian Cr.	P	30.8	Mouth	24,24N,31W	McDonald	Newton	x	x	x	x		A		x	
Indian Cr.	C	0.8	Mouth	28,40N,09W	Maries			x	x			B			
Indian Cr.	C	0.2	Mouth	34,44N,08W	Osage			x	x			B			
Indian Cr.	C	2.4	Mouth	28,43N,9W	Osage			x	x			B			
Indian Cr.	C	3.4	Mouth	State Line	Jackson			x	x			A			x
Indian Cr.	C	3.2	Mouth	8,64N,32W	Gentry			x	x			B			
Indian Cr.	C	4.3	Mouth	17,66N,26W	Harrison			x	x			B			
Indian Cr.	C	3.5	Mouth	9,64N,11W	Scotland			x	x			B			
Indian Cr.	P	1.3	Mouth	9,31N,9E	Bollinger			x	x			B			
Indian Cr.	C	0.7	9,31N,9E	4,31N,9E	Bollinger			x	x			B			
Ingalls Cr.	C	6.8	Mouth	01,35N,21W	Hickory			x	x			B			
Iowa Ditch	P	2.8	Mouth	State Line	Atchison			x	x			B			
Ironton Hollow	C	0.9	Mouth	33,34N,4E	Iron			x	x			B			
Irvin Br.	C	3.3	Mouth	10,59N,30W	Dekalb			x	x			B			
Irwin Cr.	C	7.0	Mouth	State Line	Mercer			x	x			B			
Ishmael Br.	C	1.4	Mouth	9,36N,1E	Washington			x	x			B			
Island Cr.	C	8.9	Mouth	6,61N,32W	Gentry			x	x			B			
Isle du Bois Cr.	P	4.5	Mouth	18,39N,7E	Ste. Genevieve			x	x			B			
Isle du Bois Cr.	C	2.3	18,39N,7E	14,39N,6E	Ste. Genevieve			x	x			B			
Isum Cr.	C	0.5	Mouth	30,42N,04E	Jefferson			x	x			B			
Jack Buster Cr.	P	1.5	Mouth	10,41N,14W	Miller			x	x			B			
Jack Cr.	C	0.8	Mouth	19,33N,10E	Bollinger			x	x			B			
Jacks Fk.	P	61.6	Mouth	29,28N,7W	Shannon	Texas		x	x	x		A		x	
Jacktar Hollow	C	5.1	Mouth	22,32N,10W	Texas			x	x			B			
Jacobs Br.	P	1.6	Mouth	2,26N,33W	Newton			x	x			B			
Jakes Cr.	C	11.3	Mouth	24,35N,19W	Dallas			x	x			B			
Jam Up Cr.	P	3.0	Mouth	16,27N,6W	Shannon			x	x			B			
Jam Up Cr.	C	1.8	16,27N,6W	20,27N,6W	Shannon			x	x			B			
James Bayou	C	3.5	12,23N,16E	26,23N,16E	Mississippi			x	x			B			
James Bayou	C	5.5	12,23N,16E	28,24N,16E	Mississippi			x	x			B			
James Bayou	C	5.8	2,24N,16E	2,25N,16E	Mississippi			x	x			B			

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James Br.	P	1.5	Mouth	23,35N,3W	Crawford			x	x			B			
James Br.	C	1.9	23,35N,3W	28,35N,3W	Crawford			x	x			B			
James Cr.	C	2.5	Mouth	17,35N,2E	Washington			x	x			B			
James R.	P	29.4	Mouth	8,26N,22W	Stone		x	x	x	x		A	x		
James R.	P	23.5	8,26N,22W	Lk. Springfd. Dam	Stone	Greene	x	x	x	x		A	x		
James R.	P	39.0	Mouth	24,29N,17W	Greene	Webster		x	x	x		A	x	x	
Jarvis Hollow	C	1.3	Mouth	23,38N,17W	Camden			x	x			B			
Jemerson Cr.	C	3.4	Mouth	29,46N,12W	Boone			x	x			B			
Jenkins Cr.	C	3.0	Mouth	1,24N,26W	Barry			x	x			B			
Jenkins Cr.	C	7.2	Mouth	8,62N,36W	Nodaway			x	x			B			
Jenkins Cr.	P	2.8	Mouth	7,27N,30W	Jasper			x	x			A			
Jenkins Cr.	C	4.8	7,27N,30W	22,27N,30W	Jasper	Newton		x	x			A			
Jerktail Br.	C	0.5	Mouth	11,34N,19W	Dallas			x	x			B			
Jesse Cr.	P	0.7	Mouth	21,29N,8E	Bollinger			x	x			B			
Jesse Cr.	C	2.0	21,29N,8E	9,29N,8E	Bollinger			x	x			B			
Joachim Cr.	P	30.2	Mouth	30,39N,5E	Jefferson			x	x			A	x		x
Joachim Cr.	C	2.5	30,39N,5E	4,38N,5E	Jefferson			x	x			A			
Joes Cr.	C	1.0	Mouth	23,34N,1E	Iron			x	x			B			
Johns Br.	C	1.3	Mouth	32,51N,4W	Pike			x	x			B			
Johns Br.	C	2.9	18,27N,8E	11,27N,7E	Wayne			x	x			B			
Johns Cr.	C	1.0	Mouth	6,35N,9E	Ste. Genevieve			x	x			B			
Johns Cr.	P	1.4	Mouth	22,36N,1W	Washington			x	x			B			
Johns Cr.	C	2.0	22,36N,1W	27,36N,1W	Washington			x	x			B			
Johnson Br.	C	1.0	Mouth	29,30N,9W	Texas			x	x						
Johnson Cr.	P	3.0	Mouth	36,29N,26W	Lawrence			x	x		x	A			
Johnson Hollow	C	1.0	Mouth	13,27N,20W	Christian			x	x			B			
Jonca Cr.	P	3.5	Mouth	36,37N,7E	Ste. Genevieve			x	x			B			
Jonca Cr.	C	6.0	36,37N,7E	8,36N,7E	Ste. Genevieve			x	x			B			
Jones Br.	C	3.2	Mouth	32,33N,19W	Dallas			x	x			B			
Jones Cr.	C	3.0	Mouth	8,32N,18W	Dallas			x	x			B			
Jones Cr.	C	8.0	Mouth	27,38N,11W	Pulaski			x	x			A			
Jones Cr.	P	3.5	Mouth	15,41N,03E	Jefferson			x	x			B			
Jones Cr.	P	7.5	Mouth	30,27N,30W	Jasper	Newton		x	x	x		A			
Jones Cr.	C	4.0	Mouth	4,42N,16W	Morgan			x	x			B			
Jordan Br.	C	1.2	Mouth	13,30N,26W	Dade			x	x			B			
Jordan Br.	C	2.2	Mouth	15,37N,22W	Hickory			x	x			B			
Jordan Br.	C	1.8	Mouth	32,35N,9E	Perry			x	x			B			
Jordan Br.	C	7.2	Mouth	32,55N,35W	Platte	Buchanan		x	x			B			
Jordan Cr.	C	1.4	Mouth	10,57N,33W	Dekalb			x	x			B			
Jordan Cr.	P	3.8	Mouth	23,29N,22W	Greene			x	x			B			
Jordan Cr.	C	3.5	Mouth	16,49N,23W	Saline			x	x			B			
Jowler Cr.	C	8.9	Mouth	19,54N,34W	Platte			x	x			B			
Joyce Cr.	C	4.5	Mouth	16,24N,28W	Barry			x	x			B			
Judge Cr.	C	3.0	Mouth	19,36N,19W	Dallas			x	x			B			
Kaintuck Hollow Cr.	P	2.4	Mouth	15,36N,09W	Phelps			x	x			B			
Keelstone Br.	C	1.0	Mouth	2,48N,1E	Lincoln			x	x			B			
Keeney Cr.	C	4.9	Mouth	13,51N,29W	Ray			x	x			B			
Keifer Cr.	P	1.2	Mouth	15,44N,04E	St. Louis			x	x			B			
Kelley Br.	C	1.3	Mouth	25,50N,13W	Boone			x	x			B			
Kelley Br.	C	5.8	Mouth	15,50N,12W	Boone			x	x					x	

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Kelley Br.	C	0.8	Mouth	1,44N,17W	Moniteau			x	x			B			
Kelley Valley	C	2.7	Mouth	23,27N,3E	Wayne			x	x			B			
Kelley Valley	P	1.0	23,27N,3E	26,27N,3E	Wayne	Carter		x	x			B			
Kelly Hollow	C	1.0	Mouth	3,35N,1W	Washington			x	x			B			
Kelly Hollow	P	1.3	Mouth	26,25N,3W	Oregon			x	x			B			
Kenser Cr.	C	2.0	Mouth	22,39N,12W	Miller			x	x			B			
Kessler Cr.	C	2.2	Mouth	21,34N,6E	Madison			x	x			B			
Ketchum Hollow	C	1.9	Mouth	24,22N,27W	Barry			x	x						
Kettle Cr.	C	0.8	Mouth	31,58N,26W	Daviess			x	x			B			
Kile Cr.	C	1.3	Mouth	28,51N,13W	Boone			x	x			B			
Kimsey Cr.	P	0.8	Mouth	19,59N,39W	Holt			x	x			B			
Kimsey Cr.	C	2.5	19,59N,38W	30,60N,38W	Holt			x	x			B			
Kimsey Cr.	P	6.7	30,60N,38W	34,61N,38W	Holt			x	x			B			
King Br.	C	1.5	Mouth	23,31N,22W	Greene			x	x			B			
King Br.	C	1.8	35,31N,22W	2,30N,22W	Greene			x	x			B			
Kings R.	P	1.6	Mouth	State Line	Barry	Stone		x	x			A		x	
Kings Valley	P	3.3	Mouth	33,23N,30W	McDonald			x	x			B			
Kinnemore Ditch	C	13.0	State Line	5,17N,8E	Dunklin			x	x			B			
Kitten Cr.	C	7.2	Mouth	34,37N,29W	St. Clair	Vernon		x	x			B			
Knob Cr.	C	8.4	Mouth	8,41N,32W	Bates			x	x					x	
Knob Cr.	C	2.2	Mouth	30,34N,4E	Iron			x	x			B			
Knobby Cr.	P	1.5	Mouth	34,40N,20W	Benton			x	x			B			
Knobby Cr.	C	1.0	34,40N,20W	3,39N,20W	Benton			x	x			B			
Knox Br.	C	1.0	Mouth	33,38N,1E	Washington			x	x			B			
Koen Cr.	C	1.0	Mouth	5,36N,5E	St. Francois			x	x						
Kolb Br.	C	1.6	Mouth	3,38N,19W	Camden			x	x			B			
Krone Br.	C	1.1	Mouth	29,40N,10W	Maries			x	x			B			
Kruze Cr.	P	0.9	Mouth	36,41N,03E	Jefferson			x	x			B			
Kyle Cr.	C	8.4	Mouth	34,31N,28W	Barton	Dade		x	x			B			
L. Alder Cr.	C	1.6	Mouth	5,35N,27W	Cedar			x	x			B			
L. Apple Cr.	P	4.6	Mouth	13,33N,11E	Cape Girardeau			x	x			B			
L. Apple Cr.	C	1.2	13,33N,11E	24,33N,11E	Cape Girardeau			x	x			B			
L. Bear Cr.	C	1.2	Mouth	25,40N,15W	Miller			x	x			B			
L. Bear Cr.	C	1.0	Mouth	2,46N,5W	Montgomery			x	x			B			
L. Bear Cr.	C	4.0	Mouth	8,48N,3W	Montgomery			x	x			B			
L. Beaver Cr.	C	3.5	Mouth	8,37N,8W	Phelps			x	x			A			
L. Beaver Cr.	P	10.4	Mouth	36,26N,18W	Taney	Douglas	x	x	x			A		x	
L. Beaver Cr.	C	4.5	36,26N,18W	17,26N,17W	Douglas			x	x			B			
L. Berger Cr.	P	5.0	Mouth	17,45N,4W	Franklin	Gasconade		x	x			B			
L. Berger Cr.	C	1.2	17,45N,4W	19,45N,4W	Gasconade			x	x			B			
L. Black R.	P	30.2	State Line	31,24N,5E	Ripley	Butler	x	x	x			A		x	
L. Black R.	P	16.0	31,24N,5E	9,24N,3E	Butler	Ripley	x	x	x	x		A		x	
L. Blackwater Cr.	C	6.0	Mouth	36,47N,28W	Johnson			x	x			B			
L. Blair Cr.	C	2.0	Mouth	6,29N,2W	Shannon			x	x			B			
L. Blue R.	C	4.3	20,47N,32W	35,47N,33W	Jackson			x	x			B		x	
L. Blue R.	P	35.1	Mouth	Longview Dam	Jackson			x	x			B		x	
L. Boeuf Cr.	P	0.6	Mouth	2,44N,2W	Franklin			x	x			B			
L. Boeuf Cr.	C	2.8	2,44N,2W	14,44N,2W	Franklin			x	x			B			
L. Bonne Femme Cr.	P	9.0	Mouth	1,47N,13W	Boone			x	x			B			
L. Boone Cr.	C	2.0	Mouth	22,41N,3W	Franklin			x	x			B			
L. Bottom Cr.	C	0.6	Mouth	31,38N,8E	Ste. Genevieve			x	x			B			

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L. Bourbeuse Cr.	C	9.6	Mouth	20,39N,7W	Phelps	Maries		x	x			B			
L. Bourbeuse R.	P	13.4	Mouth	26,40N,4W	Franklin	Crawford		x	x			B			
L. Bourbeuse R.	C	3.0	26,40N,4W	3,39N,4W	Crawford			x	x			B			
L. Brazil Cr.	P	2.1	Mouth	18,38N,1W	Washington			x	x			B			
L. Brazil Cr.	C	1.0	18,38N,1W	19,38N,1W	Washington			x	x			B			
L. Brush Cr.	C	7.0	Mouth	10,59N,17W	Macon			x	x			B			
L. Brushy Cr.	C	2.0	Mouth	18,27N,4E	Wayne			x	x			B			
L. Buffalo Cr.	P	5.6	Mouth	11,41N,19W	Morgan			x	x			B			
L. Calumet Cr.	P	1.4	Mouth	2,53N,1W	Pike			x	x			B			
L. Calumet Cr.	C	1.4	2,53N,1W	10,53N,1W	Pike			x	x			B			
L. Calvey Cr.	C	1.0	Mouth	9,42N,2E	Franklin			x	x			B			
L. Cane Cr.	C	3.4	State Line	26,22N,5E	Butler		x	x	x			B			
L. Cedar Cr.	C	2.0	17,48N,11W	05,48N,11W	Boone			x	x						
L. Cedar Cr.	C	4.6	Mouth	17,48N,11W	Boone			x	x			B			
L. Chariton R.	P	12.9	Mouth	5,52N,17W	Chariton			x	x			B			
L. Clear Cr.	C	1.3	Mouth	8,34N,30W	Vernon			x	x			B			
L. Clear Cr.	C	5.0	Mouth	1,36N,28W	St. Clair			x	x			B			
L. Coon Cr.	C	4.0	Mouth	6,30N,29W	Barton			x	x			B			
L. Courtois Cr.	P	2.0	Mouth	2,39N,1W	Washington			x	x			B			
L. Courtois Cr.	C	2.0	2,39N,1W	15,39N,1W	Washington			x	x			B			
L. Crane Cr.	C	6.0	Mouth	4,25N,25W	Stone	Barry		x	x			B	x		
L. Crooked Cr.	C	4.7	Mouth	20,57N,11W	Shelby			x	x			B			
L. Crooked Cr.	P	3.2	Mouth	33,31N,9E	Bollinger			x	x			A			
L. Crooked Cr.	C	2.7	33,31N,9E	32,31N,9E	Bollinger			x	x			B			
L. Dardenne Cr.	C	7.4	Mouth	10,46N,1E	St. Charles			x	x			B			
L. Deer Cr.	C	9.0	Mouth	01,38N,21W	Benton			x	x			B			
L. Deer Cr.	C	3.7	Mouth	31,42N,30W	Bates			x	x						
L. Dry Fk.	P	5.2	Mouth	17,37N,7W	Phelps			x	x			B	x		
L. Dry Fk.	C	4.7	17,37N,7W	5,36N,7W	Phelps			x	x			B			
L. Dry Wood Cr.	P	20.5	Mouth	12,34N,32W	Vernon			x	x			B			
L. Dry Wood Cr.	C	15.6	12,34N,32W	20,33N,31W	Vernon	Barton		x	x			B			
L. E. Fk. Locust Cr.	C	8.8	Mouth	30,62N,19W	Sullivan			x	x			B			
L. Fabius R.	C	36.4	Mouth	17,61N,12W	Knox			x	x			B	x		
L. Finley Cr.	P	5.5	Mouth	5,28N,17W	Webster			x	x			B			
L. Flat Cr.	P	3.9	Mouth	25,25N,27W	Barry			x	x		x	A	x		
L. Flat Cr.	C	2.7	25,25N,27W	34,25N,27W	Barry			x	x			B	x		
L. Flora Cr.	P	3.4	Mouth	2201,31N,14E	Cape Girardeau			x	x			B			
L. Fourche a Renault Cr.	P	1.0	Mouth	26,38N,1E	Washington			x	x			B			
L. Fourche a Renault Cr.	C	2.8	26,38N,1E	2,37N,1E	Washington			x	x			B			
L. Fox Cr.	P	0.7	Mouth	31,44N,03E	St. Louis			x	x			B			
L. Fox R.	P	19.8	Mouth	34,67N,10W	Clark	Scotland		x	x			B			
L. Fox R.	C	3.7	34,67N,10W	19,67N,10W	Scotland			x	x			B			
L. Gravois Cr.	P	4.2	Mouth	1,40N,16W	Miller			x	x			A			
L. Gravois Cr.	C	3.0	1,40N,16N	30,41N,15W	Miller			x	x			B			
L. Gravois Cr.	P	4.0	Mouth	21,42N,17W	Morgan			x	x			A	x		
L. Hazel Cr.	P	1.5	Mouth	29,36N,1E	Washington			x	x			B			
L. Hazel Cr.	C	0.5	29,36N,1E	32,36N,1E	Washington			x	x			B			
L. Hogles Cr.	P	1.2	Mouth	09,39N,23W	Benton			x	x			B			
L. Hogles Cr.	C	1.7	09,39N,23W	16,39N,23W	Benton			x	x			B			
L. Horseshoe Cr.	C	5.1	Mouth	11,48N,29W	Jackson	Lafayette		x	x			B			
L. Hunting Slough	C	5.0	Mouth	14,22N,6E	Butler		x	x	x			B			

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L. Hurricane Cr.	C	4.0	Mouth	7,24N,3W	Oregon			x	x			B			
L. Hurricane Cr.	C	1.6	Mouth	1,54N,22W	Carroll			x	x			B			
L. Indian Cr.	P	2.7	Mouth	19,32N,14E	Cape Girardeau			x	x			B			
L. Indian Cr.	C	2.0	19,32N,14E	25,32N,13E	Cape Girardeau			x	x			B			
L. Indian Cr.	P	8.7	Mouth	30,40N,2E	Franklin	Washington		x	x			B			
L. Indian Cr.	C	1.0	30,40N,2E	31,40N,2E	Washington			x	x			B			
L. Lake Cr.	C	5.1	Mouth	31,29N,5E	Wayne			x	x			B			
L. Lead Cr.	C	4.0	27,50N,2W	20,50N,2W	Lincoln			x	x			B			
L. Lindley Cr.	C	3.7	Mouth	15,34N,20W	Dallas			x	x			B			
L. Lost Cr.	C	1.5	Mouth	18,46N,3W	Warren			x	x			B			
L. Lost Cr.	P	1.7	Mouth	26,37N,1W	Washington			x	x			B			
L. Lost Cr.	P	5.8	Mouth	28,25N,33W	Newton			x	x			B			
L. Loutre Cr.	C	10.3	Mouth	5,49N,6W	Montgomery			x	x			B			
L. Maries Cr.	P	8.5	Mouth	24,42N,11W	Osage			x	x	x		B			
L. Maries Cr.	C	1.0	24,42N,11W	23,42N,11W	Osage			x	x			B			
L. Maries R.	P	6.9	Mouth	12,40N,11W	Maries			x	x			B			
L. Maries R.	C	12.3	12,40N,11W	28,39N,11W	Maries			x	x			B			
L. Medicine Cr.	P	39.8	Mouth	State Line	Grundy	Mercer		x	x			B			
L. Meramec R.	P	3.5	Mouth	7,41N,2E	Franklin			x	x			B			
L. Meramec R.	P	2.0	7,41N,2E	8,41N,2E	Franklin			x	x			B			
L. Meramec R.	C	1.2	8,41N,2E	16,41N,2E	Franklin			x	x			B			
L. Mill Cr.	P	5.9	Mouth	33,38N,21W	Hickory			x	x			B			
L. Monegaw Cr.	C	9.0	Mouth	36,39N,27W	St. Clair			x	x			B			
L. Moniteau Cr.	P	3.3	Mouth	3,45N,14W	Moniteau			x	x			A			
L. Moniteau Cr.	C	5.1	3,45N,14W	18,45N,14W	Moniteau			x	x			B			
L. Muddy Cr.	P	2.0	Mouth	Sur 2219,32,10E	Cape Girardeau	Bollinger		x	x			B			
L. Muddy Cr.	C	6.8	Sur	Sur 2219,32N,10E	Bollinger			x	x			B	x		
L. Muddy Cr.	C	4.1	Mouth	17,60N,27W	Daviess			x	x			B			
L. Muddy Cr.	C	7.1	Mouth	State Line	Mercer			x	x			B			
L. Muddy Cr.	C	7.5	Mouth	18,46N,22W	Pettis			x	x			B			
L. Mussel Cr.	C	4.4	Mouth	17,61N,17W	Adair			x	x			B			
L. N. Fk. White R.	P	8.9	Mouth	36,24N,16W	Ozark			x	x	x		B			
L. N. Fk. White R.	C	6.9	36,24N,16W	3,24N,16W	Ozark			x	x	x		B			
L. N. Fork	C	15.1	Mouth	30,31N,32W	Jasper	Barton	x	x	x			B			
L. Niangua R.	P	43.8	Mouth	26,36N,19W	Camden	Dallas		x	x	x		A	x		
L. Niangua R.	C	8.0	26,36N,19W	20,35N,19W	Dallas			x	x			A	x		
L. No Cr.	C	4.9	Mouth	30,63N,22W	Grundy			x	x			B			
L. Noix Cr.	C	1.7	Mouth	28,54N,2W	Pike			x	x			B			
L. Osage R.	P	27.4	19,38N,29W	18,37N,31W	Vernon			x	x			B			
L. Osage R.	C	23.6	18,37N,31W	18,37N,33W	Vernon			x	x			B			
L. Otter Cr.	C	6.2	Mouth	6,55N,11W	Monroe			x	x			B			
L. Otter Cr.	C	3.0	Mouth	4,56N,27W	Caldwell			x	x			B			
L. Paddy Cr.	C	3.5	Mouth	36,33N,11W	Texas			x	x			B			
L. Pike Cr.	C	1.6	Mouth	3,26N,2W	Carter			x	x			B			
L. Piney Cr.	P	7.2	Mouth	25,37N,9W	Phelps			x	x	x		A	x		
L. Piney Cr.	P	13.5	25,37N,9W	4,35N,8W	Phelps			x	x		x	A	x		
L. Piney Cr.	C	5.4	4,35N,8W	21,35N,8W	Phelps			x	x		x	B			
L. Piney Cr.	C	1.9	Mouth	12,33N,12W	Texas			x	x			B			
L. Platte R.	P	13.3	Mouth	Smithville Dam	Platte	Clay		x	x			B	x		
L. Platte R.	C	24.3	Mouth	28,57N,31W	Clinton			x	x			B	x		

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
L. Pomme de Terre R.	C	5.0	15,38N,23W	3,37N,23W	Benton	Hickory	x	x	x			A	x		
L. Pomme de Terre R.	C	6.0	Mouth	25,31N,21W	Polk	Greene	x	x				B			
L. Pomme de Terre R.	P	15.8	Mouth	15,38N,23W	Benton	Hickory	x	x				A	x		
L. Profits Cr.	P	1.7	Mouth	30,42N,11W	Osage		x	x				B			
L. Profits Cr.	C	0.5	30,42N,11W	30,42N,11W	Osage		x	x				B			
L. Ramsey Cr.	C	1.0	Mouth	16,52N,1E	Pike		x	x				B			
L. Richland Cr.	C	5.5	Mouth	12,44N,18W	Morgan		x	x				A	x		
L. Rock Cr.	C	2.3	Mouth	8,32N,5E	Madison		x	x				B			
L. Rocky Cr.	P	0.7	Mouth	12,28N,3W	Shannon		x	x				B			
L. Rocky Cr.	C	0.5	12,28N,3W	1,28N,3W	Shannon		x	x				B			
L. Sac R.	P	37.0	Mouth	McDaniel Lk. Dam	Polk	Greene	x	x		x		A	x		
L. Sac R.	P	1.3	Mouth	17,30N,21W	Greene		x	x				B			
L. Sac R.	C	2.2	17,30N,21W	Fellows Lake Dam	Greene		x	x				B			
L. Sac R.	C	2.3	Mouth	21,30N,20W	Greene		x	x				B			
L. Saline Cr.	P	5.4	Mouth	29,41N,14W	Miller		x	x				B			
L. Saline Cr.	P	10.3	Mouth	24,36N,8E	Ste. Genevieve		x	x				B			
L. Sandy Cr.	C	6.0	Mouth	9,51N,1W	Lincoln		x	x				B			
L. Shaver Cr.	C	4.5	Mouth	04,45N,20W	Pettis		x	x				B	x		
L. Shawnee Cr.	P	2.0	Mouth	29,29N,3W	Shannon		x	x				B			
L. Shawnee Cr.	C	2.0	29,29N,3W	4,28N,3W	Shannon		x	x				B			
L. Shoal Cr.	P	1.9	Mouth	13,36N,2W	Crawford		x	x				A			
L. Shoal Cr.	C	1.7	13,36N,2W	24,36N,2W	Crawford		x	x				B			
L. Shoal Cr.	C	3.3	Mouth	24,51N,32W	Clay		x	x				B			
L. Shoal Cr.	C	8.7	Mouth	4,66N,16W	Putnam		x	x				B			
L. Sinking Cr.	P	4.0	Mouth	26,32N,3W	Shannon	Dent	x	x				B			
L. Sinking Cr.	C	1.0	26,32N,3W	23,32N,3W	Dent		x	x				B			
L. Sni-a-bar Cr.	P	6.7	Mouth	30,50N,27W	Lafayette		x	x				B			
L. Sni-a-bar Cr.	C	7.5	30,50N,27W	16,49N,27W	Lafayette		x	x				B			
L. Splice Cr.	P	1.7	Mouth	16,47N,14W	Moniteau		x	x				B			
L. Splice Cr.	C	2.3	16,47N,14W	20,47N,14W	Moniteau		x	x				B			
L. St. Francis R.	P	32.4	Mouth	32,35N,07E	Madison	St. Francois	x	x		x		A	x	x	
L. St. Francis R.	C	0.8	32,35N,7E	32,35N,7E	Madison	St. Francois	x	x				B			
L. Sugar Cr.	C	4.0	Mouth	10,49N,1E	Lincoln			x	x			B			
L. Sugar Cr.	P	13.2	Mouth	State Line	McDonald		x	x	x	x		A	x		
L. Tabo Cr.	C	9.2	Mouth	3,50N,25W	Lafayette			x	x			B			
L. Tarkio Cr.	P	17.7	Mouth	19,63N,39W	Holt			x	x			B	x		
L. Tarkio Cr.	C	15.4	30,63N,39W	13,65N,39W	Atchison			x	x			B			
L. Tarkio Ditch	P	6.6	Mouth	36,61N,39W	Holt			x	x			B			
L. Taum Sauk Cr.	C	2.3	Mouth	25,33N,2E	Reynolds			x	x			B			
L. Tavern Cr.	C	4.0	Mouth	33,42N,13W	Miller	Cole		x	x	x		A			
L. Tavern Cr.	P	1.5	33,39N,12W	34,39N,12W	Miller			x	x			B			
L. Tavern Cr.	C	1.5	34,39N,12W	10,38N,12W	Miller			x	x			B			
L. Tavern Cr.	P	11.2	Mouth	5,39N,11W	Miller	Maries		x	x			A			
L. Tavern Cr.	C	1.0	Mouth	11,44N,2E	Franklin			x	x			B			
L. Tavern Cr.	C	2.7	05,39N,11W	07,39N,11W	Maries			x	x			B			
L. Tavern Cr.	C	1.0	Mouth	36,46N,7W	Callaway			x	x			B			
L. Tebo Cr.	C	6.0	Mouth	20,42N,22W	Benton			x	x			B			
L. Third Cr.	C	4.6	Mouth	23,42N,7W	Osage			x	x			B			
L. Third Fk. Platte R.	C	26.0	Mouth	27,60N,32W	Dekalb			x	x			B			

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L. Turkey Cr.	C	2.3	Mouth	36,40N,22W	Benton			x	x			B			
L. Walnut Cr.	C	2.3	18,60N,16W	14,60N,17W	Macon			x	x			B			
L. Walnut Cr.	C	2.8	Mouth	26,47N,24W	Johnson			x	x			B			
L. Weaubleau Cr.	P	5.9	Mouth	09,36N,23W	St. Clair	Hickory		x	x	x		B	x		
L. Weaubleau Cr.	C	3.3	9,36N,23W	12,36N,23W	St. Clair	Hickory		x	x			A			
L. Whitewater Cr.	P	24.2	Mouth	16,33N,9E	Cape Girardeau	Bollinger		x	x			A			
L. Whitewater Cr.	C	0.5	Mouth	8,33N,9E	Bollinger			x	x			B			
L. Wilson Cr.	P	2.9	Mouth	25,32N,21W	Polk			x	x			B			
L. Wilson Cr.	C	2.3	25,32N,21W	32,32N,20W	Dallas			x	x			B			
L. Wyaconda R.	P	7.4	Mouth	34,64N,8W	Clark			x	x			B			
L. Wyaconda R.	C	7.5	34,64N,8W	25,64N,9W	Clark			x	x			B			
Labadie Cr.	P	5.0	Mouth	31,44N,2E	Franklin			x	x			B			
LaBarque Cr.	P	4.5	Mouth	32,43N,3E	Jefferson			x	x			B			
Ladies Br.	C	7.8	Mouth	24,37N,30W	Vernon			x	x			B			
Lake Cr.	C	10.2	12,44N,20W	17,43N,20W	Pettis	Benton		x	x	x		B			
Lake Cr.	C	5.7	Mouth	20,54N,19W	Chariton			x	x			B			
Lake Cr.	C	3.3	Mouth	29,58N,25W	Livingston			x	x			B			
Lake Cr.	P	5.4	Mouth	12,44N,20W	Pettis			x	x	x		B			
Lake Cr.	C	6.6	Mouth	34,58N,25W	Livingston			x	x			B			
Lake Ditch	C	1.8	Mouth	01,42N,09W	Osage			x	x			B			
Lake Slough	C	9.3	3,23N,7E	31,25N,8E	Butler			x	x			B			
Lamine R.	P	64.0	Mouth	13,45N,19W	Cooper	Morgan	x	x	x			A	x		
Landing Cr.	C	1.0	Mouth	16,42N,12W	Cole			x	x			B			
Landon Br.	C	3.0	Mouth	5,34N,31W	Vernon			x	x			B			
Lanes Fk.	C	2.8	Mouth	32,39N,7W	Maries			x	x			B			
Langejammer Cr.	C	1.5	Mouth	30,43N,4W	Gasconade			x	x			B			
Larry Cr.	C	1.2	Mouth	2,59N,28W	Daviess			x	x			B			
Lateral #2	C	2.4	Mouth	8,18N,12E	Pemiscot			x	x			B			
Lateral #2 Main Ditch	P	11.5	24,23N,10E	25,25N,10E	Stoddard			x	x			B			
Lateral #2 Main Ditch	C	4.1	25,25N,10E	6,25N,11E	Stoddard			x	x			B			
Lateral #27	P	6.0	29,16N,9E	30,16N,10E	Dunklin			x	x			B			
Lateral #27	C	3.3	Mouth	32,20N,13E	Pemiscot			x	x			B			
Lateral #4	C	3.2	Mouth	21,27N,14E	Scott		x	x	x			B	x		
Lateral Ditch	C	2.0	Mouth	32,22N,8E	Butler			x	x			B			
Lateral Ditch	C	5.8	Mouth	3,22N,7E	Butler			x	x			B			
Lateral Ditch #1	C	4.0	Mouth	19,23N,10E	Dunklin			x	x			B			
Lateral Ditch #2	C	2.4	Mouth	9,22N,10E	Dunklin			x	x				x		
Lateral Ditch #37	C	4.3	Mouth	20,22N,8E	Butler			x	x			B			
Laurie Hollow	C	1.4	Mouth	18,39N,17W	Camden			x	x			B			
Lead Cr.	P	1.0	Mouth	7,49N,1W	Lincoln			x	x			B			
Lead Cr.	C	7.5	7,49N,1W	27,50N,2W	Lincoln			x	x			B			
Leatherwood Cr.	P	1.7	Mouth	9,31N,5E	Madison			x	x			B			
Leatherwood Cr.	C	2.5	9,31N,5E	6,31N,5E	Madison			x	x			B			
Lee Hollow	C	1.0	Mouth	27,26N,7W	Howell			x	x			B			
Lee Rowe Ditch	C	6.0	30,24N,16E	30,25N,16E	Mississippi			x	x			B			
Leeper Cr.	C	8.4	Mouth	21,58N,23W	Livingston			x	x			B			
Lewis Slough	C	2.0	Mouth	32,67N,42W	Atchison			x	x			B			
Lick Br.	C	1.5	Mouth	2,24N,10W	Howell			x	x			B			
Lick Br.	C	6.6	Mouth	19,43N,29W	Cass			x	x			B			
Lick Br.	C	1.8	Mouth	27,29N,3E	Wayne			x	x			B			
Lick Cr.	C	5.5	Mouth	9,53N,7W	Ralls			x	x			B			
Lick Cr.	P	2.0	Mouth	2,38N,4W	Crawford			x	x			B			

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Lick Cr.	C	2.5	2,38N,4W	27,39N,4W	Crawford			x	x			B			
Lick Cr.	C	1.0	Mouth	32,22N,16W	Ozark			x	x			B			
Lick Cr.	P	6.8	25,22N,13W	19,22N,13W	Ozark			x	x			B			
Lick Cr.	C	6.1	19,22N,13W	30,23N,13W	Ozark			x	x			B			
Lick Cr.	C	4.2	Mouth	6,27N,8E	Wayne			x	x			B			
Lick Cr.	P	3.4	Mouth	25,22N,13W	Ozark			x	x			A			
Lick Cr. Ditch	C	16.2	33,25N,9E	15,26N,10E	Stoddard			x	x			B	x		
Lick Fk	C	8.9	Mouth	02,50N,27W	Lafayette			x	x			B			
Lick Fk.	C	10.1	Mouth	15,51N,13W	Boone			x	x			B			
Lick Fk.	P	5.7	Mouth	30,58N,26W	Daviess			x	x			B			
Lick Fk.	C	9.8	30,58N,26W	7,57N,27W	Daviess	Caldwell		x	x			B			
Lick Fk.	C	1.9	Mouth	2,50N,15W	Howard			x	x			B			
Lick Fk.	C	0.5	Mouth	20,44N,16W	Moniteau			x	x			B			
Lick Log Cr.	P	1.6	Mouth	32,29N,8E	Bollinger			x	x			B			
Lick Log Cr.	C	1.2	32,29N,8E	31,29N,8E	Bollinger			x	x			B			
Ligett Cr.	C	1.0	Mouth	9,26N,5E	Butler			x	x			B			
Limestone Cr.	P	8.4	Mouth	24,30N,27W	Dade			x	x	x		A			
Lincoln Cr.	C	7.4	Mouth	14,60N,36W	Andrew			x	x			B			
Lindley Cr.	P	24.1	Mouth	20,34N,20W	Hickory	Dallas		x	x			B			
Lindley Cr.	C	2.4	20,34N,20W	32,34N,20W	Dallas			x	x			B			
Line Cr.	C	7.0	Mouth	Lake Waukomis	Platte			x	x			B			
Liner Cr.	C	1.4	Mouth	9,21N,12W	Ozark			x	x			B			
Linn Cr.	C	2.3	Mouth	31,66N,8W	Clark			x	x			B			
Linn Cr.	C	6.0	Mouth	7,43N,8W	Osage			x	x			B			
Little Cr.	C	1.2	Mouth	25,51N,12W	Boone			x	x			B			
Little Cr.	C	1.5	Mouth	3,40N,5E	Jefferson			x	x			B			
Little Cr.	C	5.0	Mouth	17,24N,15W	Ozark			x	x			B	x		
Little Cr.	C	2.5	Mouth	36,22N,14W	Ozark			x	x			B			
Little Cr.	C	8.0	Mouth	1,25N,8W	Howell			x	x			B			
Little Cr.	C	4.0	Mouth	26,32N,4W	Shannon	Dent		x	x			B			
Little Cr.	C	2.7	Mouth	19,34N,1W	Iron			x	x			B			
Little Cr.	C	1.0	Mouth	12,32N,3E	Iron			x	x			B			
Little Cr.	P	3.1	Mouth	35,28N,6E	Wayne			x	x			B			
Little Cr.	C	2.7	Mouth	3,42N,3W	Franklin			x	x			B			
Little Cr.	C	11.3	Mouth	31,65N,28W	Harrison			x	x			B			
Little Cr.	C	3.5	Mouth	11,46N,28W	Johnson			x	x			B			
Little Cr.	P	2.7	Mouth	8,30N,7E	Wayne			x	x			B			
Little R.	P	8.0	Mouth	State Line	Mercer			x	x			B			
Littleby Cr.	C	16.0	Mouth	24,51N,8W	Audrain			x	x			B			
Locust Cr.	P	91.7	Mouth	State Line	Chariton	Putnam		x	x			B	x	x	
Log Cr.	C	8.8	Mouth	6,55N,28W	Caldwell			x	x			B	x		
Logan Cr.	P	7.2	Mouth	36,23N,3E	Ripley			x	x			B			
Logan Cr.	C	7.5	36,23N,3E	9,23N,3E	Ripley			x	x			B			
Logan Cr.	P	36.0	27,29N,2E	26,31N,2W	Reynolds			x	x			A	x		
Logan Cr.	C	5.8	Mouth	30,46N,7W	Callaway			x	x			B			
Logan Cr.	C	3.4	Mouth	19,44N,13W	Cole			x	x			B			
Long Br.	C	29.0	7,53N,8W	7,52N,11W	Monroe	Audrain		x	x			B			
Long Br.	C	1.5	Mouth	25,44N,2W	Franklin			x	x			B			
Long Br.	P	5.5	Mouth	06,45N,23W	Pettis	Johnson		x	x			B			
Long Br.	C	3.0	Mouth	29,66N,38W	Atchison			x	x			B			
Long Br.	C	3.0	Mouth	28,37N,19W	Camden			x	x			B			

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Long Br.	P	6.3	Mouth	6,62N,34W	Nodaway			x	x			B			
Long Br.	C	15.0	6,62N,34W	8,64N,34W	Nodaway			x	x			B			
Long Br.	C	1.5	Mouth	27,45N,25W	Johnson			x	x			B			
Long Br.	C	2.1	Mouth	24,40N,11W	Maries			x	x			B			
Long Br.	C	5.7	Mouth	19,62N,31W	Gentry			x	x			B			
Long Br.	C	14.5	Mouth	11,59N,20W	Linn			x	x			B		x	
Long Br.	C	8.8	Mouth	18,55N,18W	Chariton			x	x			B			
Long Br.	C	6.0	06,45N,23W	09,45N,24W	Pettis	Johnson		x	x			B			
Long Branch Cr.	C	14.8	18,58N,14W	19,60N,14W	Macon			x	x			B	x		
Long Cr.	C	2.3	Mouth	16,40N,08W	Maries			x	x			B			
Long Cr.	C	3.3	Mouth	4,55N,28W	Caldwell			x	x			B			
Long Cr.	C	5.0	Mouth	26,54N,18W	Chariton			x	x			B			
Long Gravel Br.	P	1.0	Mouth	5,33N,5E	Madison			x	x			B			
Long Grove Br.	C	3.2	31,48N,20W	07,47N,20W	Pettis			x	x			B			
Long Grove Br.	P	0.9	Mouth	31,48N,20W	Pettis			x	x			B			
Long Run	C	1.9	Mouth	27,23N,16W	Ozark			x	x			B			
Longan Br.	C	2.3	26,41N,16W	14,41N,16W	Miller			x	x			B			
Longs Cr.	C	1.0	Mouth	Sur 768,33N,9E	Bollinger			x	x			B			
Loose Cr.	C	8.5	16,44N,9W	10,43N,9W	Osage			x	x			B			
Loose Cr.	P	9.5	Mouth	16,44N,9W	Osage			x	x			B			
Lost Camp Cr.	C	5.3	Mouth	20,26N,8W	Howell			x	x			B			
Lost Cr.	P	6.4	Mouth	15,46N,3W	Warren			x	x	x		B			
Lost Cr.	C	3.8	15,46N,3W	2,46N,3W	Warren			x	x			B			
Lost Cr.	P	8.3	Mouth	19,37N,1E	Crawford	Washington		x	x			B			
Lost Cr.	C	3.0	19,37N,1E	29,37N,1E	Washington			x	x			B			
Lost Cr.	P	1.0	Mouth	5,35N,3E	Washington			x	x			B			
Lost Cr.	C	2.5	5,35N,3E	9,35N,3E	Washington			x	x			B			
Lost Cr.	P	8.5	State Line	14,25N,33W	Newton			x	x	x		A	x		
Lost Cr.	C	25.2	Mouth	King Lake	Dekalb			x	x			B			
Lost Cr.	C	5.5	15,64N,16W	5,64N,15W	Schuyler			x	x			B			
Lost Cr.	C	1.8	Mouth	36,61N,32W	Dekalb	Gentry		x	x			B			
Lottie Hollow	C	1.0	Mouth	35,24N,12W	Ozark			x	x			B			
Lotts Cr.	C	9.7	Mouth	8,66N,29W	Worth	Harrison		x	x			B			
Loutre Cr.	C	4.5	Mouth	30,46N,4W	Warren			x	x			B			
Loutre R.	P	39.4	Mouth	5,48N,6W	Montgomery			x	x			B			
Loutre R.	C	15.1	5,48N,6W	36,50N,8W	Montgomery	Audrain		x	x			B			
Loutre Slough	P1	5.5	Mouth	19,46N,4W	Warren			x	x			B			
Lovejoy Cr.	P	1.0	Mouth	Sur	Cape Girardeau			x	x			B			
Lovejoy Cr.	C	1.5	Sur	2246,33N,14E	Cape Girardeau			x	x			B			
Lower Peavine Cr.	C	1.0	Mouth	11,40N,7W	Maries			x	x			B			
Lower Rock Cr.	C	3.5	Mouth	32,33N,5E	Madison			x	x			B			
Ludecker Hollow	C	2.0	Mouth	4,23N,14W	Ozark			x	x			B			
Lumpkin Cr.	C	0.5	Mouth	29,47N,32W	Jackson			x	x			B			
Luther Br.	C	0.6	Mouth	32,38N,06W	Phelps			x	x			B			
Luystown Cr.	C	2.0	Mouth	16,44N,8W	Osage			x	x			B			
Luzon Br.	C	1.0	13,44N,10W	24,44N,10W	Osage			x	x			B			
Lyman Br.	P	0.7	Mouth	13,44N,10W	Osage			x	x			B			
Lyman Cr.	C	1.0	Mouth	30,40N,3W	Crawford			x	x		x	A			
M. Fk. Fourche a Renault Cr.	C	1.8	Mouth	25,37N,1E	Washington			x	x			B			

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
M. Fk. L. Chariton R.	C	17.6	Mouth	3,58N,15W	Macon			x	x			B			
M. Fk. Little Chariton R.	P	31.5	Mouth	24,55N,16W	Chariton	Randolph		x	x			B		x	
M. Fk. Salt R.	P	58.1	Mouth	16,56N,13W	Monroe	Macon	x	x	x			B	x	x	
M. Fk. Salt R.	C	25.4	16,56N,13W	23,59N,14W	Macon			x	x			B			
Mace Cr.	C	5.8	Mouth	25,59N,36W	Andrew			x	x			B			
Macks Cr.	P	8.7	Mouth	12,37,19W	Camden			x	x			B			
Macks Cr.	C	2.8	12,37N,19W	23,37N,19W	Camden			x	x			B			
Madden Cr.	C	4.5	Mouth	29,36N,8E	Ste. Genevieve			x	x			B			
Maddin Cr.	C	1.9	Mouth	35,39N,3E	Washington			x	x			B			
Maddox Br.	C	2.8	35,48N,9W	23,48N,9W	Callaway			x	x			B			
Mag Cr.	C	0.1	Mouth	26,40N,10W	Maries			x	x			B			
Mahans Cr.	P	4.3	Mouth	9,28N,4W	Shannon			x	x	x		B			
Mahans Cr.	C	4.4	9,28N,4W	28,28N,04W	Shannon			x	x			B			
Main Ditch	C	13.0	18,22N,6E	15,24N,6E	Butler		x	x	x			B			
Main Ditch	P	11.9	14,16N,10E	30,18N,11E	Pemiscot			x	x			B		x	
Main Ditch	P	23.2	8,19N,10E	19,23N,10E	Dunklin			x	x			B			
Main Ditch	C	6.0	19,23N,10E	20,24N,10E	Dunklin	Stoddard		x	x			B			
Main Ditch #36	C	1.8	21,19N,10E	9,19N,10E	Dunklin			x	x			B			
Main Ditch #8	P	18.3	27,18N,10E	3,19N,12E	Pemiscot			x	x			B			
Main Ditch #8	C	11.5	3,19N,12E	18,20N,14E	Pemiscot			x	x					x	
Malaruni Cr.	C	1.5	Mouth	19,56N,3W	Ralls			x	x			B			
Maline Cr.	C	0.6	Sur	9,46N,7E	St. Louis City	St. Louis		x	x			B		x	
Maline Cr.	C	0.5	Mouth	3125,46N,7E	St. Louis City			x	x					x	
Malone Cr.	P	6.9	Mouth	34,30N,10E	Bollinger			x	x			B			
Malone Cr.	C	2.3	34,30N,10E	28,30N,10E	Bollinger			x	x			B			
Mammoth Cr.	P	0.7	Mouth	11,39N,03E	Jefferson			x	x			B			
Manacle Cr.	C	2.4	Mouth	35,49N,11W	Callaway			x	x			B			
Maple Slough	C	18.2	Mouth	11,26N,15E	New Madrid	Mississippi		x	x			B			
Marais des Cygnes R.	P	32.0	19,38N,29W	State Line	Bates		x	x	x			A	x	x	
Marble Cr.	P	14.7	Mouth	28,33N,4E	Madison	Iron		x	x	x		B	x		
Marble Cr.	C	1.0	28,33N,4E	20,33N,4E	Iron			x	x			B			
Maries R.	P	44.0	Mouth	24,40N,10W	Osage	Maries		x	x	x		A	x		
Maries R.	C	18.1	24,40N,10W	13,38N,11W	Maries			x	x			B			
Marlin Cr.	C	3.4	34,48N,20W	04,47N,20W	Pettis			x	x			B			
Marlin Cr.	P	3.7	Mouth	34,48N,20W	Pettis			x	x			B			
Marlowe Cr.	P	6.7	Mouth	30,66N,31W	Worth			x	x			B			
Marlowe Cr.	C	1.0	30,66N,31W	19,66N,31W	Worth			x	x			B			
Marmaton R.	P	35.7	11,37N,31W	State Line	Vernon		x	x	x			B			
Marney Br.	C	5.4	Mouth	3,43N,15W	Moniteau			x	x			B			
Marrowbone Cr.	P	11.5	Mouth	36,58N,28W	Daviess			x	x			B			
Marrowbone Cr.	C	13.9	36,58N,28W	15,58N,29W	Daviess			x	x			B			
Marsh Cr.	P	2.3	Mouth	34,32N,5E	Madison			x	x			B			
Marsh Cr.	C	0.6	34,32N,5E	33,32N,5E	Madison			x	x			B			
Marshalls Cr.	C	15.4	Mouth	33,40N,27W	Henry			x	x			B			
Martin Br.	C	0.5	Mouth	2,40N,04W	Franklin			x	x			B			
Martin Cr.	C	6.9	Mouth	27,64N,25W	Harrison	Mercer		x	x			B			
Martin Hollow	C	1.0	Mouth	1,32N,7E	Madison			x	x			B			
Mary's Cr	P	1.0	Mouth	03,39N,01W	Washington			x	x			B			
Marys Hollow	C	4.6	Mouth	5,24N,11W	Ozark			x	x			B			

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Mash Cr.	P	0.5	Mouth	12,30N,4W	Shannon		x	x				B			
Mash Cr.	C	2.0	12,30N,4W	35,31N,4W	Shannon		x	x				B			
Mash Hollow	C	1.0	Mouth	33,24N,24W	Stone		x	x				B			
Mason Springs Valley	P	1.0	State Line	21,24N,34W	Newton		x	x				B			
Massey Cr.	C	7.0	2,44N,33W	20,45N,33W	Cass		x	x				B			
Massie Cr.	P	4.0	Mouth	10,46N,4W	Warren		x	x				B			
Massie Cr.	C	3.5	10,46N,4W	36,47N,4W	Warren		x	x				B			
Mattese Cr.	P	1.1	Mouth	15,43N,6E	St. Louis		x	x				B			
Maupin Br.	C	1.6	Mouth	35,47N,14W	Moniteau		x	x				B			
Maupin Cr.	P	1.3	Mouth	36,41N,02E	Jefferson		x	x				B			
Max Cr.	C	3.6	Mouth	26,24N,19W	Taney		x	x				B			
May Br.	C	0.5	Mouth	Hwy AN	Franklin		x	x				B			
May Br.	C	3.5	Mouth	30,48N,22W	Saline	Pettis	x	x				B			
Mayfield Cr.	P	0.8	Mouth	21,32N,10E	Bollinger		x	x				B			
Mayfield Cr.	C	2.7	21,32N,10E	18,32N,10E	Bollinger		x	x				B			
Mayhan Br.	C	1.3	Mouth	18,28N,08W	Texas		x	x							
Maze Cr.	C	2.0	Mouth	9,32N,25W	Dade		x	x				B			
McCarty Cr.	C	13.2	Mouth	31,34N,29W	Vernon		x	x				B			
McClanahan Cr.	C	2.5	Mouth	911,36N,11E	Perry		x	x				B			
McCoy Cr.	P	1.9	Mouth	6,47N,2E	St. Charles		x	x				B			
McCoy Cr.	C	4.5	6,47N,2E	10,47N,1E	St. Charles		x	x				B			
McDade Br.	P	0.7	Mouth	9,39N,5W	Crawford		x	x				B			
McDade Br.	C	1.7	9,39N,5W	17,39N,5W	Crawford		x	x				B			
McElroy Cr.	C	3.0	Mouth	9,66N,41W	Atchison		x	x				B			
McGee Br.	C	3.9	Mouth	03,44N,20W	Pettis		x	x				B			
McGee Cr.	P	7.2	Mouth	20,28N,8E	Wayne		x	x				B			
McGuire Br.	C	5.4	Mouth	7,56N,32W	Clinton		x	x				B			
McKenzie Cr.	P	6.3	Mouth	23,29N,3E	Wayne		x	x				B			
McKenzie Cr.	C	4.7	23,29N,3E	34,30N,3E	Wayne		x	x				B			
McKenzie Cr.	C	5.5	Mouth	06,37N,29W	Vernon		x	x				B			
McKill Cr.	P	2.7	Mouth	34,34N,33W	Vernon		x	x				B			
McKill Cr.	C	2.2	34,34N,33W	35,34N,33W	Vernon		x	x				B			
McKinney Cr.	C	0.7	Mouth	23,48N,9W	Callaway		x	x				B			
McLean Cr.	C	6.6	Mouth	16,49N,2E	Lincoln		x	x				B			
McMullen Br.	C	1.2	Mouth	18,39N,5E	Jefferson		x	x				B			
McVey Br.	C	1.5	Mouth	3,21N,16W	Ozark		x	x				B			
Meadows Cr.	P	1.4	Mouth	10,45N,13W	Cole		x	x				B			
Meadows Cr.	C	2.0	10,45N,13W	16,45N,13W	Cole		x	x				B			
Meddleberger Br.	C	1.1	Mouth	34,40N,11W	Maries		x	x				B			
Medicine Cr.	P	31.3	Mouth	9,61N,22W	Livingston	Grundy	x	x				B			
Medicine Cr.	P	43.8	9,61N,22W	State Line	Grundy	Putnam	x	x				B			
Medlen Cr.	C	1.0	Mouth	6,43N,15W	Moniteau		x	x				B			
Melton Cr.	C	2.8	Mouth	21,36N,29W	Vernon		x	x				B			
Menorkenut Slough	C	10.4	Mouth	33,24N,8E	Butler		x	x							
Meramec R.	P	76.0	Big R.	Meramec State Pk.	Jefferson	Franklin	x	x	x			A	x	x	x
Meramec R.	P	51.3	13,40N,2W	22,38N,5W	Franklin	Crawford	x	x	x			A	x		x
Meramec R.	P	10.0	22,38N,5W	6,37N,5W	Crawford		x	x	x	x		A	x		
Meramec R.	P	38.9	7,37N,5W	19,34N,4W	Crawford	Dent	x	x	x			A	x		
Meramec R.	C	4.0	19,34N,4W	4,33N,4W	Dent		x	x	x			B			

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Meramec R.	P	22.8	Mouth	18,44N,5E	St. Louis			x	x			A	x	x	x
Meramec R.	P	15.7	18,44N,5E	Big R.	St. Louis	Jefferson		x	x	x		A	x	x	x
Merrills Br.	C	3.2	Mouth	19,58N,8W	Marion			x	x			B			
Miami Cr.	P	19.6	Mouth	4,40N,32W	Bates			x	x			B			
Miami Cr.	C	15.6	10,40N,32W	4,41N,33W	Bates			x	x			B			
Mid. Fk. Shoal Cr.	C	1.3	Mouth	35,36N,2W	Crawford			x	x			B			
Mid. Richland Cr.	C	9.4	Mouth	6,42N,18W	Morgan			x	x			A		x	
Middle Big Cr.	C	9.4	Mouth	Lake Winnebago Dam			Cass		x	x				B	
Middle Br. Squaw Cr.	C	3.0	Mouth	5,62N,38W	Holt			x	x			B			
Middle Brushy Cr.	C	7.0	Mouth	32,27N,3E	Wayne	Carter		x	x			A			
Middle Cr.	C	6.5	Mouth	14,62N,25W	Grundy			x	x			B			
Middle Fabius R.	P	75.7	Mouth	22,64N,12W	Lewis	Scotland		x	x			A	x	x	
Middle Fk.	P	7.0	Mouth	28,25N,6W	Oregon			x	x			A	x		
Middle Fk.	C	12.0	28,25N,6W	4,24N,7W	Oregon	Howell		x	x			B			
Middle Fk. Big Cr.	P	2.0	Mouth	19,31N,7E	Madison			x	x			B			
Middle Fk. Big Cr.	C	1.0	19,31N,7E	18,31N,7E	Madison			x	x			B			
Middle Fk. Black R.	P	21.0	Mouth	24,34N,1W	Reynolds	Iron		x	x	x		A			
Middle Fk. Black R.	C	1.2	24,34N,1W	13,34N,1W	Iron			x	x	x		A			
Middle Fk. Grand R.	P	27.5	Mouth	12,66N,31W	Gentry	Worth	x	x	x			A	x		
Middle Fk. Grand R.	C	2.5	12,66N,31W	State Line	Worth			x	x			B	x		
Middle Fk. Lost Cr.	C	8.0	Mouth	27,60N,31W	Dekalb			x	x			B			
Middle Fk. Tebo Cr.	C	7.5	Mouth	6,43N,24W	Henry			x	x			B			
Middle Fork	C	3.2	Mouth	20,43N,03W	Franklin			x	x			B			
Middle Indian Cr.	C	2.5	Mouth	19,27N,10W	Douglas	Howell		x	x			B			
Middle Indian Cr.	C	3.5	16,24N,30W	12,24N,30W	Newton			x	x			B			
Middle Indian Cr.	P	2.2	Mouth	16,24N,30W	Newton			x	x			B			
Middle Prong Brushy Cr	C	1.0	Mouth	29,30N,3W	Shannon			x	x			B			
Middle Prong Crooked Cr.	P	2.2	Mouth	24,35N,4W	Dent			x	x			B			
Middle Prong Crooked Cr.	C	2.0	24,35N,4W	29,35N,3W	Dent	Crawford		x	x			B			
Middle R.	P	15.0	Mouth	4,45N,9W	Callaway			x	x			B			
Middle R.	C	10.6	4,45N,9W	2,46N,10W	Callaway			x	x			B			
Middle Tarkio Cr.	C	10.0	Mouth	State Line	Atchison		x	x	x			B	x		
Middlebrook Cr.	C	1.1	Mouth	07,34N,04E	St. Francois			x	x			B			
Mikes Cr.	P	4.0	Mouth	14,22N,30W	McDonald		x	x	x			A			
Mill Br.	P	1.2	Mouth	3,38N,2E	Washington			x	x			B			
Mill Br.	C	1.0	3,38N,2E	2,38N,2E	Washington			x	x			B			
Mill Cr.	P	1.5	Mouth	30,39N,14W	Miller			x	x			B			
Mill Cr.	C	2.0	30,39N,14W	28,39N,14W	Miller			x	x			B			
Mill Cr.	P	4.8	Mouth	25,37N,15W	Camden			x	x			A	x		
Mill Cr.	P	2.0	Mouth	9,36N,18W	Dallas			x	x		x	B			
Mill Cr.	P	1.5	9,36N,18W	8,36N,18W	Dallas			x	x			B			
Mill Cr.	P	5.8	Mouth	8,37N,21W	Hickory			x	x	x		B			
Mill Cr.	P	1.3	Mouth	29,37N,9W	Phelps			x	x			A			
Mill Cr.	P	6.7	29,37N,9W	Yelton Spring	Phelps			x	x		x	A			
Mill Cr.	P	3.5	Yelton Spring	5,35N,9W	Phelps			x	x			B			
Mill Cr.	C	5.0	Mouth	Sur	Lincoln			x	x			B	x		
Mill Cr.	C	4.3	Mouth	1767,51N,1W											
Mill Cr.	C	4.3	Mouth	3,36N,8E	Ste. Genevieve			x	x			B			x
Mill Cr.	P	13.5	Mouth	8,37N,3E	St. Francois	Washington		x	x			B			
Mill Cr.	P	3.0	Mouth	36,36N,3E	Washington			x	x			B			

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Mill Cr.	C	0.8	36,36N,3E	36,36N,3E	Washington			x	x			B			
Mill Cr.	P	10.0	Mouth	2,59N,38W	Holt			x	x			B			
Mill Cr.	P	2.7	Mouth	8,27N,1W	Carter			x	x			A			
Mill Cr.	C	2.4	8,27N,1W	1,27N,2W	Carter			x	x			B			
Mill Cr.	C	1.4	Mouth	7,25N,6E	Butler			x	x			B			
Mill Cr.	P	3.5	Mouth	33,33N,7E	Madison			x	x			B			
Mill Cr.	C	1.0	33,33N,7E	33,33N,7E	Madison			x	x			B			
Mill Cr.	C	2.0	Mouth	30,31N,5E	Wayne	Madison		x	x			B			
Mill Cr.	P	10.8	Mouth	State Line	Nodaway			x	x			B			
Mill Cr.	P	2.5	Mouth	24,21N,33W	McDonald			x	x			A			
Mill Cr.	C	3.9	Mouth	17,46N,33W	Jackson	Cass		x	x			B			
Mill Cr.	C	3.2	08,37N,21W	15,37N,21W	Hickory			x	x	x		B			
Mill Cr.	P	0.4	Mouth	21,39N,8W	Maries			x	x			B			
Mill Cr.	C	1.4	21,39N,8W	22,39N,08W	Maries			x	x			B			
Mill Cr.	P	0.5	Mouth	03,37N,10W	Phelps			x	x			B			
Mill Cr.	C	1.3	Mouth	8,56N,28W	Caldwell			x	x			B			
Mill Rock Cr.	C	1.3	Mouth	9,35N,2W	Crawford			x	x			B			
Mill Spring Cr.	P	1.0	Mouth	3,40N,8W	Maries			x	x			B			
Millan Hollow	C	1.4	Mouth	1,29N,20W	Greene			x	x						
Miller Cr.	C	6.6	Mouth	3,26N,4E	Wayne			x	x			B			
Millers Cr.	C	1.9	Mouth	14,47N,11W	Callaway			x	x			B			
Milligan Cr.	C	9.0	Mouth	18,53N,12W	Monroe			x	x			B			
Mine a Breton Cr.	P	9.0	7,38N,2E	10,37N,2E	Washington			x	x			B			
Mine a Breton Cr.	C	3.0	10,37N,2E	23,37N,2E	Washington			x	x			B			
Mineral Br.	C	1.7	Mouth	17,44N,15W	Moniteau			x	x			B			
Mineral Cr.	C	4.6	Mouth	20,44N,25W	Johnson			x	x			B			
Mineral Fk.	P	16.7	Mouth	7,38N,2E	Washington			x	x	x		A			
Mineral Spring Hollow	C	0.8	Mouth	30,31N,09W	Texas			x	x			B			
Mingo Cr.	C	2.0	Mouth	5,26N,8E	Stoddard			x	x			B			
Mingo Ditch	P	16.0	Mouth	32,27N,8E	Stoddard			x	x			B			
Minnow Br.	C	1.0	Mouth	25,41N,20W	Benton			x	x			B			
Minor Cr.	C	2.0	Mouth	11,33N,3E	Iron			x	x			B			
Mission Cr.	C	2.4	Hwy. 45	17,54N,36W	Platte			x	x			B			
Mississippi R.	P	6.3	N Riverfront Park	Missouri R.	St. Louis City	St. Charles	x	x	x			B	x	x	x
Mississippi R.	P	28.3	Meramec R.	N Riverfront Park	St. Louis	St. Louis City	x	x	x				x	x	x
Mississippi R.	P	125.1	State Line	Ohio R.	Pemiscot	Mississippi	x	x	x			B	x	x	x
Mississippi R.	P	94.4	Cuivre R.	Lock and Dam 21	St. Charles	Marion		x	x			A	x	x	x
Mississippi R.	P	44.1	Missouri R.	Cuivre R.	St. Charles			x	x			A	x	x	x
Mississippi R.	P	44.6	Kaskaskia R.	Meramec R.	Ste. Genevieve	St. Louis		x	x			B	x	x	x
Mississippi R.	P	120.1	Ohio R.	Kaskaskia R.	Mississippi	Ste. Genevieve	x	x	x			B	x	x	x
Mississippi R.	P	37.5	Lock & Dam 21	Des Moines R.	Marion	Clark		x	x			A	x	x	x
Missouri R.	P	104.5	Mouth	Gasconade R.	St. Louis	Gasconade	x	x	x			B	x	x	x
Missouri R.	P	129.0	Chariton R.	Kansas R.	Chariton	Jackson	x	x	x			B	x	x	x
Missouri R.	P	135.0	Gasconade R.	Chariton R.	Gasconade	Chariton	x	x	x			B	x	x	x
Missouri R.	P	184.5	Kansas R.	State Line	Jackson	Atchison	x	x	x			B	x	x	x
Mistaken Cr.	P	6.5	Mouth	20,42N,7W	Osage			x	x			B			
Mistaken Cr.	C	1.5	20,42N,7W	30,42N,7W	Osage			x	x			B			
Moccasin Cr.	C	2.6	Mouth	26,63N,33W	Gentry			x	x			B			

IRR LWW AQL CLF CDF WBC SCR DWS IND

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Modoc Cr.	C	3.3	32,46N,5W	25,46N,6W	Montgomery		x	x							
Monegaw Cr.	P	4.8	Mouth	21,38N,27W	St. Clair		x	x				A	x		
Monegaw Cr.	C	18.4	21,38N,27W	4,39N,28W	St. Clair		x	x				B	x		
Moniteau Cr.	P	25.7	Mouth	5,50N,14W	Howard		x	x				B	x		
Moniteau Cr.	C	14.4	5,50N,14W	16,52N,14W	Howard	Randolph	x	x				B			
Moniteau Cr.	C	16.1	16,46N,15W	21,46N,17W	Moniteau	Cooper	x	x				B	x		
Moniteau Cr.	P	19.6	Mouth	16,46N,15W	Cole	Moniteau	x	x				B	x		
Montgomery Br.	C	6.5	15,38N,23W	6,37N,22W	Hickory		x	x				B			
Mooney Br.	C	2.2	Mouth	3,33N,10W	Texas		x	x							
Moore Br.	C	5.7	Mouth	27,35N,31W	Vernon		x	x				B			
Moores Br.	P	3.0	Mouth	34,35N,33W	Vernon		x	x				B			
Moores Br.	C	2.3	34,35N,33W	33,35N,33W	Vernon		x	x				B			
Moreau R.	P	37.0	Mouth	1,43N,13W	Cole		x	x				A	x		
Morgan Cr.	C	1.5	Mouth	17,43N,14W	Cole		x	x				B			
Mormon Fk.	C	21.2	Mouth	19,42N,32W	Bates		x	x				B			
Morris Br.	C	1.0	Mouth	12,49N,7W	Callaway		x	x				B			
Morris Hollow	C	1.7	Mouth	17,22N,16W	Ozark		x	x				B			
Moss Br.	C	2.4	Mouth	16,66N,37W	Nodaway		x	x				B			
Moss Cr.	P	13.7	Mouth	34,52N,25W	Carroll		x	x				B			
Moss Hollow	C	1.0	Mouth	Sur 1963,42N,5E	Jefferson		x	x				B			
Mossy Cr.	C	0.2	Mouth	07,40N,21W	Benton		x	x				B			
Mound Br.	C	8.9	Mouth	13,40N,31W	Bates		x	x				B			
Mound Cr.	C	4.0	Mouth	7,56N,23W	Livingston		x	x				B			
Mountain Cr.	P	6.8	Mouth	23,35N,17W	Laclede		x	x				B			
Mouse Cr.	C	1.5	Mouth	22,47N,32W	Jackson		x	x				B			
Mozingo Cr.	C	5.1	Mouth	13,64N,35W	Nodaway		x	x				B	x		
Mud Cr.	C	17.5	Mouth	20,55N,13W	Monroe	Randolph	x	x				B			
Mud Cr.	C	4.3	Mouth	22,26N,7E	Butler		x	x				B			
Mud Cr.	C	1.3	Mouth	08,34N,04E	St. Francois		x	x				B			
Mud Cr.	P	4.5	36,56N,26W	23,55N,26W	Caldwell		x	x				B			
Mud Cr.	C	6.7	23,55N,26W	18,54N,26W	Caldwell	Ray	x	x				B			
Mud Cr.	C	1.5	Mouth	6,51N,15W	Howard		x	x				B			
Mud Cr.	C	1.5	Mouth	5,45N,13W	Cole		x	x				B			
Mud Cr. Ditch	P	3.5	28,56N,25W	36,56N,26W	Livingston	Caldwell	x	x				B			
Mud Ditch	C	9.0	Mouth	11,23N,15E	New Madrid		x	x				B			
Muddy Cr.	C	2.8	Mouth	19,38N,30W	Vernon	Bates	x	x				B			
Muddy Cr.	C	3.0	Mouth	Sur 3017,39N,7E	Jefferson		x	x				B			
Muddy Cr.	C	5.2	Mouth	11,65N,37W	Nodaway		x	x				B			
Muddy Cr.	C	6.6	31,58N,20W	05,58N,20W	Linn		x	x							
Muddy Cr.	C	3.7	Mouth	21,59N,26W	Daviess		x	x				B	x		
Muddy Cr.	C	9.7	Mouth	27,60N,30W	Daviess	Dekalb	x	x				B			
Muddy Cr.	P	42.0	Mouth	22,66N,23W	Grundy	Mercer	x	x				B	x		
Muddy Cr.	C	5.7	Mouth	31,58N,20W	Linn		x	x				B			
Muddy Cr.	C	33.1	Mouth	14,61N,22W	Livingston	Sullivan	x	x				B			
Muddy Cr.	P	62.2	Mouth	17,45N,23W	Pettis		x	x				B			
Muddy Cr.	C	10.4	17,45N,23W	34,45N,24W	Pettis	Johnson	x	x				B	x		
Muddy Cr.	C	9.0	Mouth	22,52N,21W	Saline		x	x				B			
Muddy Fk.	C	8.4	Mouth	35,54N,31W	Clay		x	x				B	x		
Muddy Shawnee Cr.	P	2.5	8,33N,13E	19,33N,13E	Cape Girardeau		x	x				B			
Muddy Shawnee Cr.	C	2.6	19,33N,13E	31,33N,13E	Cape Girardeau		x	x				B			

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Mulberry Cr.	C	10.3	Mouth	33,41N,33W	Bates			x	x			B	x		
Mulberry Cr.	C	5.4	Mouth	04,34N,29W	Vernon			x	x			B			
Mulkey Cr.	C	5.0	Mouth	28,48N,25W	Johnson			x	x			B			
Muncas Cr.	P	4.0	Mouth	4,53N,16W	Chariton			x	x			B			
Muncas Cr.	C	8.8	4,53N,16W	6,54N,15W	Randolph			x	x			B			
Murphy Cr.	C	4.2	Mouth	8,36N,14W	Camden			x	x			B			
Musco Cr.	P	1.5	Mouth	26,34N,6E	Madison			x	x			B			
Musco Cr.	C	1.2	26,34N,6E	22,34N,6E	Madison			x	x			B			
Mussel Fk.	C	29.0	18,58N,17W	2,62N,18W	Macon	Sullivan		x	x			B		x	
Mussel Fork Cr.	P	58.0	Mouth	18,58N,17W	Chariton	Macon		x	x			B			
Mutton Hollow	P	2.5	Mouth	13,31N,20W	Greene			x	x			B			
Myatt Cr.	C	12.0	State Line	5,22N,7W	Howell			x	x			B			
N. Ashley Cr.	P	0.7	Mouth	34,32N,7W	Dent			x	x			B			
N. Ashley Cr.	C	9.9	Mouth	34,32N,8W	Dent	Texas		x	x			B			
N. Blackbird Cr.	C	18.1	Mouth	19,66N,18W	Putnam			x	x			B	x		
N. Bridges Cr.	C	4.6	17,22N,11W	2,22N,11W	Ozark			x	x			B			
N. Cobb Cr.	P	6.7	Mouth	2,33N,15W	Laclede			x	x			B			
N. Deepwater Cr.	C	5.4	Mouth	35,41N,29W	Henry	Bates		x	x			B			
N. Dry Sac R.	P	5.1	Mouth	22,31N,22W	Polk	Greene		x	x			B			
N. Dry Sac R.	C	4.8	9,31N,22W	19,31N,21W	Greene			x	x			B			
N. Elkhorn Cr.	P	4.4	Mouth	14,23N,31W	McDonald			x	x			B			
N. Fabius R.	P	92.0	Mouth	26,67N,14W	Marion	Schuyler	x	x	x			B	x	x	
N. Fabius R.	C	1.0	26,67N,14W	State Line	Schuyler			x	x			B			
N. Fk. Batts Cr.	C	1.0	Mouth	18,52N,16W	Howard			x	x			B			
N. Fk. Beaver Cr.	C	2.6	Mouth	33,30N,12W	Wright			x	x			B			
N. Fk. Blackwater R.	C	12.8	12,46N,27W	12,47N,28W	Johnson			x	x			B	x		
N. Fk. Bratten Spring Cr.	C	1.6	Mouth	13,22N,14W	Ozark			x	x			B			
N. Fk. Buffalo Cr.	P	2.6	20,24N,1E	18,24N,1E	Ripley			x	x			B			
N. Fk. Buffalo Cr.	C	5.9	18,24N,1E	21,24N,1W	Ripley			x	x			B			
N. Fk. Charrette Cr.	C	6.3	24,46N,02W	34,47N,02W	Warren			x	x			B			
N. Fk. Cuivre R.	P	25.1	Mouth	24,51N,3W	Lincoln	Pike		x	x			A	x		
N. Fk. Cuivre R.	C	10.0	24,51N,3W	28,52N,3W	Pike			x	x			B			
N. Fk. Finney Cr.	C	3.6	17,49N,21W	4,49N,21W	Saline			x	x			B			
N. Fk. Fourche a Renault Cr.	C	2.5	23,37N,1E	30,37N,2E	Washington			x	x			B			
N. Fk. Fourche Cr.	P	3.0	Mouth	4,22N,1E	Ripley			x	x			B			
N. Fk. Fourche Cr.	C	5.5	Hwy. 142	19,23N,1E	Ripley			x	x			B			
N. Fk. Grindstone Cr.	C	1.8	Mouth	16,48N,12W	Boone			x	x			B	x		
N. Fk. Hollow	C	1.5	Mouth	7,26N,4E	Butler			x	x			B			
N. Fk. Jones Cr.	P	0.5	Mouth	15,41N,03E	Jefferson			x	x			B			
N. Fk. M Fabius R.	C	28.2	Mouth	21,66N,14W	Scotland	Schuyler		x	x			B			
N. Fk. N. Fabius R.	C	9.0	Mouth	2,66N,13W	Scotland			x	x			B			
N. Fk. S. Fabius R.	C	39.1	29,62N,11W	5,64N,14W	Knox	Schuyler		x	x			B			
N. Fk. Salt R.	P	84.9	Mouth	2,62N,14W	Monroe	Adair	x	x	x			B	x	x	
N. Fk. Salt R.	C	17.2	2,62N,14W	12,64N,15W	Adair	Schuyler		x	x			B			
N. Fk. Spring Cr.	C	2.5	23,26N,10W	7,26N,10W	Howell			x	x			B			
N. Fk. Spring R.	P	17.4	Mouth	6,29N,32W	Jasper			x	x			B	x		
N. Fk. Spring R.	C	55.9	6,29N,32W	20,30N,28W	Jasper	Dade		x	x			B	x		
N. Fk. Web Cr.	P	1.9	Mouth	31,29N,2E	Reynolds			x	x			B			
N. Fk. Web Cr.	C	3.0	31,29N,2E	34,29N,1E	Reynolds			x	x			B			
N. Flat Cr.	C	3.5	Mouth	27,44N,23W	Pettis			x	x			B			

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N. Indian Cr.	P	5.2	24,24N,31W	36,25N,30W	Newton			x	x			B			
N. Linn Cr.	C	1.7	Mouth	36,66N,9W	Clark			x	x			B			
N. Moreau Cr.	P	47.9	Mouth	4,44N,16W	Cole	Moniteau		x	x			A	x		
N. Mud Cr.	C	6.2	Mouth	6,55N,26W	Caldwell			x	x			B			
N. Pr. Beaverdam Cr.	C	3.0	Mouth	19,25N,4E	Ripley			x	x			B			
N. Prong Jacks Fk.	P	6.8	29,28N,7W	11,28N,8W	Texas			x	x			B			
N. Prong Jacks Fk.	C	7.0	11,28N,8W	25,29N,9W	Texas			x	x			B			
N. Prong L. Black R.	P	3.2	9,24N,3E	32,25N,3E	Ripley			x	x			B			
N. Prong L. Black R.	C	12.2	32,25N,3E	35,26N,2E	Ripley	Carter		x	x			A			
N. Wyaconda R.	P	16.9	26,65N,9W	18,66N,10W	Clark	Scotland		x	x			B			
N. Wyaconda R.	C	9.2	18,66N,10W	31,67N,11W	Scotland			x	x			B			
Nance Cr.	C	0.5	Mouth	15,24N,14W	Ozark			x	x			B			
Narrows Cr.	C	2.6	Mouth	7,56N,13W	Macon			x	x			B			
Nations Cr.	P	4.5	Mouth	15,34N,9E	Perry			x	x			B			
Nations Cr.	C	2.0	15,34N,9E	8,34N,9E	Perry			x	x			B			
Natural Bridge Holl.	C	1.8	Mouth	17,22N,26W	Barry			x	x			B			
Naylor Cr.	C	1.0	Mouth	7,51N,34W	Platte			x	x			B			
Neals Cr.	C	3.2	Mouth	16,34N,1W	Iron			x	x			B			
New #7 Chute	C	1.6	35,23N,16E	6,22N,17E	Mississippi		x	x	x			B			
New Franklin Ditch	P	6.3	6,16N,12E	23,17N,12E	Pemiscot			x	x			B			
New Hope Cr.	C	5.5	Mouth	31,54N,30W	Clay			x	x			B			
Newtonia Br.	P	1.4	Mouth	1,25N,30W	Newton			x	x			B			
Niangua R.	P	5.7	Mouth	19,37N,17W	Camden			x	x			A	x		
Niangua R.	C	6.8	19,37N,17W	19,37N,17W	Camden			x	x			A	x		
Niangua R.	P	5.0	Mouth	2,36N,18W	Camden			x	x			B			
Niangua R.	P	25.0	Dallas County Line	11,35N,18W	Dallas			x	x	x		A	x		
Niangua R.	P	6.0	11,35N,18W	Bennett Spring Cr.	Dallas			x	x	x	x	A	x		
Niangua R.	P	56.0	Bennett Spr Cr.	33,32N,18W	Dallas	Webster		x	x	x		A	x		
Nichols Cr.	C	4.6	Mouth	17,60N,37W	Holt			x	x			B			
Nishnabotna R.	P	10.2	Mouth	State Line	Atchison		x	x	x			B	x	x	
No Cr.	P	28.7	Mouth	14,62N,23W	Livingston	Grundy		x	x			B			
No. 13 Elk Chute	C	2.3	Mouth	35,19N,11E	Pemiscot			x	x			B			
No. 3 Island Chute	P	8.3	6,25N,18E	29,25N,18E	Mississippi			x	x			B			
Noblett Cr.	P	2.4	Mouth	Noblett Lake Dam	Douglas			x	x			B			
Noblett Cr.	P	7.0	24,26N,11W	9,26N,10W	Douglas	Howell		x	x			B			
Noblett Cr.	C	1.2	9,26N,10W	3,26N,10W	Howell			x	x			B			
Nodaway R.	P	59.3	Mouth	State Line	Andrew	Nodaway	x	x	x			B	x		
Noix Cr.	P	1.9	Mouth	19,54N,1W	Pike			x	x			B			
Noix Cr.	C	4.6	19,54N,1W	3,53N,2W	Pike			x	x			B			
Norborne Drainage Ditch	P	5.1	34,52N,25W	21,52N,26W	Carroll	Ray		x	x			B			
Norman Cr.	C	7.7	Mouth	08,36N,06W	Phelps			x	x			B			
Norris Cr.	C	4.0	Mouth	33,44N,27W	Henry			x	x			B			
North Branch Wilsons Cr.	P	3.8	29,29N,22W	16,29N,22W	Greene			x	x			B			
North Cut Ditch	P	24.8	Mouth	3,28N,14E	New Madrid	Scott	x	x	x			B	x		
North Cut Ditch	C	2.3	3,28N,14E	35,29N,14E	Scott		x	x	x			B	x		
North Fk.	C	1.5	Mouth	16,36N,2E	Washington			x	x			B			
North Fork R.	P	23.9	Mouth	2,24N,12W	Ozark		x	x	x		x	A	x		
North Fork R.	P	31.3	34,25N,11W	17,27N,11W	Douglas		x	x	x	x		A	x		
North Fork R.	C	8.0	17,27N,11W	23,28N,12W	Douglas	Texas		x	x			B			

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WBC-Whole Body Contact Recreation

IRR LWW AQL CLF CDF WBC SCR DWS IND
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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
North R.	C	8.7	26,60N,11W	13,60N,12W	Knox			x	x					x	
North R.	P1	4.0	Mouth	8,58N,5W	Marion			x	x			B		x	
North R.	P	49.0	8,58N,5W	33,59N,10W	Marion	Shelby		x	x			B		x	
North R.	C	12.8	33,59N,10W	26,60N,11W	Shelby	Knox		x	x			B		x	
Northcut Br.	P	1.0	Mouth	27,39N,1W	Washington			x	x			B			
Northcut Br.	C	1.3	27,39N,1W	34,39N,1W	Washington			x	x			B			
Norvey Cr.	C	9.3	Mouth	9,66N,34W	Nodaway			x	x			B			
Nulls Cr.	C	5.8	Mouth	15,50N,2W	Lincoln			x	x			B			
Off Davis Hollow	C	3.5	Mouth	29,22N,26W	Barry			x	x			A			
Old Bland Cr.	C	2.0	Mouth	8,41N,6W	Gasconade			x	x			B			
Old Ch. L. Tarkio Cr.	P	5.3	Mouth	22,61N,39W	Holt			x	x			B			
Old Ch. L. Tarkio Cr.	C	8.3	22,61N,39W	20,62N,39W	Holt			x	x			B			
Old Ch. Nishnabotna R.	P	13.7	30,64N,41W	1,65N,42W	Atchison			x	x			B			
Old Ch. Nishnabotna R.	C	3.0	1,65N,42W	25,66N,42W	Atchison			x	x			B			
Old Ch. St. Francis R.	P	4.5	Mouth	34,22N,8E	Dunklin			x	x			B			
Old Ch. St. Francis R.	C	8.0	32,22N,8E	15,22N,8E	Dunklin			x	x			B			
Old Chan. Chariton R.	C	14.6	34,65N,16W	34,66N,16W	Putnam	Schuyler		x	x			B			
Old Chan. Chariton R.	C	2.0	Mouth	32,56N,16W	Chariton			x	x			B			
Old Chan. Chariton R.	P	14.5	Mouth	9,52N,18W	Chariton			x	x			B			
Old Chan. Chariton R.	C	11.0	9,52N,18W	29,53N,18W	Chariton			x	x			B			
Old Chan. Grand R.	C	3.1	12,58N,27W	35,59N,27W	Daviess			x	x			B			
Old Chan. Grand R.	C	2.5	Mouth	18,57N,24W	Livingston			x	x			B			
Old Chan. Grand R.	P	15.2	Mouth	12,58N,26W	Daviess			x	x			B			
Old Chan. Grand R.	C	1.5	20,57N,23W	29,57N,23W	Livingston			x	x			B			
Old Chan. Grand R.	C	5.3	7,56N,21W	2,56N,22W	Livingston			x	x			B			
Old Chan. Grand R.	C	4.0	26,57N,23W	26,57N,23W	Livingston			x	x			B			
Old Chan. Hubble Cr.	C	2.9	Mouth	11,29N,12E	Scott	Cape Girardeau		x	x			B			
Old Chan. Little R.	C	15.4	33,20N,11E	3,20N,12E	Pemiscot			x	x			B			
Old Chan. Little R.	P	47.2	26,22N,12E	2,27N,12E	New Madrid	Scott		x	x			B			
Old Chan. Little R.	P	4.3	11,27N,12E	32,28N,12E	Scott			x	x			B			
Old Chan. Mud Cr.	P	3.0	Mouth	29,56N,25W	Livingston			x	x			B			
Old Chan. Nodaway R.	C	10.0	Mouth	35,62N,37W	Andrew	Holt		x	x			B			
Old Chan. Nodaway R.	C	1.2	Mouth	11,66N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	2.0	Mouth	1,66N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	1.5	Mouth	23,66N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	1.0	Mouth	27,66N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	2.5	4,65N,37W	34,66N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	3.7	8,65N,37W	5,65N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	2.5	Mouth	17,65N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	2.8	Mouth	30,65N,37W	Nodaway			x	x			B			
Old Chan. Nodaway R.	C	1.0	1,59N,37W	1,59N,37W	Holt	Andrew		x	x			B			
Old Chan. Platte R.	C	3.4	Mouth	16,56N,34W	Buchanan			x	x			B			
Old Chan. Platte R.	C	2.2	Mouth	35,57N,34W	Buchanan			x	x			B			
Old Chan. Platte R.	C	4.0	21,57N,34W	4,57N,34W	Buchanan			x	x			B			
Old Chan. Platte R.	C	5.0	4,57N,34W	28,58N,34W	Buchanan			x	x			B			
Old Chan. Platte R.	C	1.0	34,57N,34W	27,57N,34W	Buchanan			x	x			B			
Old Chan. Thompson R.	C	1.2	2,61N,25W	35,62N,25W	Grundy			x	x			B			
Old Chan. Thompson R.	C	2.7	32,63N,25W	29,63N,25W	Grundy			x	x			B			
Old Chan. Thompson R.	C	1.6	8,62N,25W	5,62N,25W	Grundy			x	x			B			
Old Chan. Thompson R.	C	8.4	34,62N,25W	8,62N,25W	Grundy			x	x			B			
Old Chan. Thompson R.	C	3.6	9,57N,24W	4,57N,24W	Livingston			x	x			B			

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Old Chan. Wakenda Cr.	P	3.0	6,52N,23W	1,52N,24W	Carroll			x	x			B			
Old Chan. Weldon R.	C	4.0	Mouth	20,62N,24W	Grundy			x	x			B			
Old Kings Lake Cr	P	3.2	Sur 1724, 50N,2E	35,51N,2E	Lincoln			x	x			B			
Old Kings Lake Cr.	P1	6.2	Mouth	Sur 1724,50N,2E	Lincoln			x	x			B			
Old Kings Lake Cr.	C	7.3	35,51N,2E	3,51N,2E	Lincoln			x	x			B			
Old Mines Cr.	P	6.6	Mouth	Sur 3039,38N,2E	Washington			x	x			A			
Old Mines Cr.	C	1.0	Sur 3039,38N,2E	Sur 3040,38N,2E	Washington			x	x			B			
Old R. (Slough Miss.)	P	9.2	Mouth	18,37N,10E	Ste. Genevieve			x	x			B			
Old Town Br.	C	7.3	Mouth	14,36N,31W	Vernon			x	x			B			
Olive Br.	C	1.0	Mouth	17,46N,20W	Pettis			x	x			B			
Omete Cr.	P	3.5	Mouth	15,35N,12E	Perry			x	x			B			
Omete Cr.	C	1.2	15,35N,12E	22,35N,12E	Perry			x	x			B			
One Hundred and Two R.	P	79.7	Mouth	State Line	Buchanan	Nodaway	x	x	x			B	x	x	
Open Hollow	C	0.8	Mouth	16,28N,4W	Shannon			x	x			B			
Opossum Cr.	C	2.5	Mouth	36,30N,11W	Texas			x	x			B			
Opossum Cr.	C	1.5	Mouth	31,40N,3W	Crawford			x	x			B			
Opossum Cr.	C	6.4	Mouth	28,30N,30W	Jasper			x	x			B			
Opossum Cr.	P	1.9	Mouth	12,30N,9E	Bollinger			x	x			B			
Opossum Cr.	C	2.2	12,30N,9E	11,30N,9E	Bollinger			x	x			B			
Osage Fk.	P	69.0	Mouth	26,30N,17W	Laclede	Webster		x	x	x		A	x		
Osage R.	P	81.9	Mouth	Bagnell Dam	Osage	Miller	x	x	x			A	x		
Otter Cr.	C	37.6	Mouth	8,56N,12W	Monroe	Shelby		x	x			B			
Otter Cr.	C	2.2	Mouth	22,24N,16W	Ozark			x	x			B			
Otter Cr.	P	6.0	Mouth	18,27N,6E	Wayne			x	x			B			
Otter Cr.	C	18.0	18,27N,6E	18,28N,4E	Wayne			x	x			B			
Otter Cr.	C	2.5	Mouth	11,56N,27W	Caldwell			x	x			B			
Otter Cr.	C	3.0	Mouth	31,46N,18W	Cooper			x	x			B			
Otter Slough Ditch	P	4.0	12,23N,8E	19,24N,9E	Stoddard			x	x			B			
Otter Slough Ditch	P	7.3	Mouth	3,24N,13E	New Madrid			x	x			B			
Ottery Cr.	P	6.9	Mouth	14,34N,1E	Reynolds	Iron		x	x			B			
Ottery Cr.	C	1.8	14,34N,1E	12,34N,1E	Iron			x	x			B			
Owens Cr.	C	3.2	Mouth	21,43N,32W	Cass			x	x			B			
Owens Cr.	C	3.7	Mouth	12,42N,8W	Osage			x	x			B			
Owl Cr.	C	2.0	Mouth	11,36N,4E	St. Francois			x	x			B			
Owl Cr.	C	3.3	Mouth	27,49N,28W	Lafayette			x	x			B			
Owl Cr.	C	4.8	Mouth	24,54N,35W	Platte			x	x			B			
Owl Cr.	C	2.0	Mouth	3,47N,11W	Callaway			x	x			B			
P.D. Cr.	C	0.1	Mouth	28,40N,21W	Benton			x	x			B			
Painter Br.	C	3.2	Mouth	33,48N,20W	Pettis			x	x			B			
Palmer Cr.	P	12.2	Mouth	9,53N,19W	Chariton			x	x			B			
Palmer Cr.	C	2.8	9,53N,19W	33,54N,19W	Chariton			x	x			B			
Panther Cr.	C	8.0	Mouth	15,44N,29W	Johnson			x	x			B			
Panther Cr.	C	12.6	Mouth	14,39N,29W	Bates			x	x			B	x		
Panther Cr.	C	9.7	Mouth	13,35N,24W	St. Clair	Polk		x	x			B			
Panther Cr.	P	2.9	Mouth	13,32N,17W	Webster	Laclede		x	x			B			
Panther Cr.	C	0.5	13,32N,17W	14,32N,17W	Laclede			x	x			B			
Panther Cr.	P	3.1	Mouth	36,32N,10E	Cape Girardeau	Bollinger		x	x			B			
Panther Cr.	C	1.2	36,32N,10E	2,31N,10E	Bollinger			x	x			B			

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Panther Cr.	P	9.3	Mouth	29,29N,18W	Webster			x	x			B			
Panther Cr.	C	2.3	Mouth	18,28N,11W	Texas			x	x			B			
Panther Cr.	C	4.8	Mouth	33,64N,30W	Gentry			x	x			B			
Panther Cr.	C	5.0	Mouth	28,57N,26W	Caldwell			x	x				x		
Panther Cr.	P	3.5	Mouth	14,64N,26W	Harrison			x	x			B			
Panther Cr.	C	6.8	14,64N,26W	36,65N,27W	Harrison			x	x			B			
Panther Hollow	C	1.5	Mouth	3,27N,07W	Howell			x	x			B			
Paris Br.	C	3.0	Mouth	31,50N,1W	Lincoln			x	x				x		
Parker Br.	P	3.4	Mouth	2,39N,32W	Bates			x	x			B			
Parker Br.	C	2.6	26,33N,3W	15,33N,3W	Reynolds			x	x			B			
Parker Hollow	P	2.2	Mouth	20,32N,6W	Dent			x	x		x	B			
Parks Cr.	P	3.0	Mouth	30,32N,15W	Laclede	Wright		x	x			B			
Parks Cr.	C	2.4	30,32N,15W	6,31N,15W	Wright			x	x			B			
Parson Cr.	P	15.0	Mouth	23,58N,22W	Livingston	Linn		x	x			B	x		
Parson Cr.	C	14.6	23,58N,22W	31,60N,21W	Linn			x	x			B			
Pass Br.	C	3.2	Mouth	3,50N,23W	Saline			x	x			B			
Patterson Cr.	C	1.8	Mouth	35,33N,4E	Iron			x	x			B			
Patterson Cr.	P	3.5	State Line	11,22N,34W	McDonald		x	x	x			B			
Patton Br.	C	5.0	Mouth	26,33N,29W	Barton			x	x			B			
Pea Ridge Cr.	P	1.5	Mouth	2,29N,22W	Greene			x	x			B		x	
Peachtree Fk.	P	2.0	Mouth	5,29N,4E	Wayne			x	x			B			
Peachtree Fk.	C	3.2	5,29N,4E	36,30N,3E	Wayne			x	x			B			
Pearson Cr.	P	8.0	Mouth	5,29N,20W	Greene			x	x			A			
Peavine Cr.	C	1.7	Mouth	11,40N,7W	Maries			x	x			B			
Peavine Cr.	C	3.7	Mouth	20,48N,24W	Johnson			x	x			B			
Pecaut Hollow	C	1.5	Mouth	19,35N,10E	Perry			x	x			B			
Peckout Hollow	C	1.8	Mouth	9,25N,20W	Christian			x	x			B			
Peddler Cr.	P	1.5	Mouth	28,64N,31W	Gentry			x	x			B			
Peddler Cr.	C	3.0	28,64N,31W	16,64N,31W	Gentry			x	x			B	x		
Pedelo Cr.	P	0.5	Mouth	7,27N,19W	Christian			x	x			B			
Pedelo Cr.	C	1.0	7,27N,19W	6,27N,19W	Christian			x	x			B			
Pedlar Cr.	C	5.4	Mouth	23,61N,36W	Andrew			x	x			B			
Peers Slough	C	3.0	Mouth	27,45N,2W	Warren			x	x			B			
Peggy Br.	P	1.3	Mouth	32,43N,7W	Osage			x	x			B			
Peggy Br.	C	0.5	32,43N,7W	5,42N,7W	Osage			x	x			B			
Peno Cr.	C	14.4	Mouth	32,54N,3W	Pike			x	x	x		B			
Pepper Cr.	C	2.8	Mouth	33,44N,23W	Pettis			x	x			B			
Perche Cr.	C	23.7	5,49N,13W	19,52N,13W	Boone	Randolph		x	x			B			
Perche Cr.	P	17.5	29,48N,13W	5,49N,13W	Boone			x	x			B	x		
Perche Cr.	P1	11.3	Mouth	29,48N,13W	Boone			x	x			B	x		
Perkins Br.	P	1.5	Mouth	12,27N,6E	Wayne			x	x			B			
Perkins Cr.	C	3.0	36,30N,8E	24,30N,8E	Bollinger			x	x			B			
Perkins Cr.	P	8.5	Mouth	36,30N,8E	Bollinger			x	x			B			
Peruque Cr.	P1	9.6	Mouth	9,47N,3E	St. Charles			x	x			B	x		
Peruque Cr.	P	10.3	9,47N,3E	Lake St. Louis Dam	St. Charles			x	x			B	x		
Peruque Cr.	P	4.0	Mouth	25,47N,1E	St. Charles			x	x			B	x		
Peruque Cr.	C	10.9	25,47N,1E	23,47N,1W	St. Charles	Warren		x	x			B	x		
Peters Br.	C	1.5	Mouth	13,29N,5E	Wayne			x	x			B			
Peters Cr.	C	3.5	Mouth	22,29N,8W	Texas			x	x			B			
Peters Cr.	C	1.0	Mouth	36,32N,6E	Madison			x	x			B			

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Petite Saline Cr.	P	21.0	Mouth	24,48N,17W	Moniteau	Cooper		x	x			A		x	
Petite Saline Cr.	C	28.0	24,48N,17W	26,46N,18W	Cooper			x	x			B		x	
Pettis Cr.	C	5.3	Mouth	9,31N,30W	Barton			x	x			B			
Pickereel Cr.	P	3.3	Mouth	26,29N,24W	Greene			x	x			B			
Pickereel Cr.	C	0.5	26,29N,24W	26,29N,24W	Greene			x	x			B			
Pickle Cr.	P	7.8	Mouth	19,36N,7E	Ste. Genevieve			x	x			B			
Pierce Cr.	P	2.4	Mouth	19,41N,2E	Franklin			x	x			B			
Pierce Cr.	C	2.8	19,41N,2E	31,41N,2E	Franklin			x	x			B			
Pierre Fleche Cr.	C	5.5	Mouth	15,50N,19W	Saline			x	x			B			
Pigeon Cr.	C	1.2	State Line	11,21N,13W	Ozark			x	x			B			
Pigeon Cr.	P	7.6	Montauk Spring	8,32N,7W	Dent			x	x			A			
Pigeon Cr.	C	7.7	8,32N,7W	34,33N,8W	Dent	Texas		x	x			B			
Pigeon Cr.	C	7.2	Mouth	15,56N,35W	Buchanan			x	x			B			
Pigeon Roost Cr.	C	0.5	Mouth	18,54N,7W	Monroe			x	x			B			
Pike Cr.	P	3.8	Mouth	34,27N,1W	Carter			x	x		x	B			
Pike Cr.	C	25.6	34,27N,1W	27,27N,3W	Carter	Shannon		x	x			B			
Pike Cr.	C	6.0	15,24N,6E	30,25N,6E	Butler		x	x	x						
Pike Cr.	C	5.0	18,22N,6E	33,23N,6E	Butler		x	x	x			B			
Pike Cr. Ditch	C	4.0	State Line	18,22N,6E	Butler		x	x	x			B			
Pike Run	P	1.8	Mouth	32,38N,05E	St. Francois			x	x			B			
Pike Run	C	0.9	32,38N,05E	28,38N,05E	St. Francois			x	x			B			
Pike Slough	C	6.4	Mouth	28,24N,6E	Butler			x	x						
Pilot Br.	C	1.0	Mouth	10,44N,16W	Moniteau			x	x			B			
Pilot Grove Cr.	C	5.4	Mouth	11,60N,27W	Daviess			x	x			B			
Pin Oak Cr.	P	1.3	Mouth	7,43N,6W	Gasconade			x	x			B			
Pin Oak Cr.	C	1.8	17,43N,6W	Hwy. 50	Gasconade			x	x			B			
Pin Oak Cr.	C	2.0	Mouth	3,44N,3W	Franklin			x	x			B			
Pin Oak Cr.	C	3.0	Mouth	03,42N,04W	Franklin			x	x			B			
Pin Oak Cr.	C	1.6	Mouth	11,39N,07W	Maries			x	x			B			
Pin Oak Cr.	C	3.0	Mouth	3,45N,28W	Johnson			x	x			B		x	
Pine Br.	C	3.6	Mouth	01,28N,08W	Texas			x	x			B			
Pine Cr.	P	1.5	Mouth	30,23N,12W	Ozark			x	x			B			
Pine Cr.	C	8.6	30,23N,12W	2,23N,13W	Ozark			x	x			B			
Pine Cr.	P	9.5	Mouth	5,27N,9W	Texas	Howell		x	x			B			
Pine Cr.	C	1.0	5,27N,9W	6,27N,9W	Howell			x	x			B			
Pine Hollow	C	4.0	Mouth	25,28N,5W	Shannon			x	x			B			
Pine Run	C	5.1	Mouth	26,25N,24W	Stone			x	x			B			
Pine Valley Cr.	C	6.9	Mouth	13,28N,1W	Carter	Reynolds		x	x			B			
Pinery Cr.	C	0.8	Mouth	21,39N,1E	Washington			x	x			B			
Pinery Cr.	C	1.0	Mouth	36,40N,1E	Washington			x	x			B			
Piney Br.	C	1.2	Mouth	25,36N,1W	Washington			x	x			B			
Piney Cr.	C	2.8	Mouth	22,23N,25W	Stone	Barry		x	x			B			
Piney Cr.	C	10.5	Mouth	Hwy. 160	Oregon			x	x			B			
Piney Cr.	C	1.5	Mouth	7,33N,6E	Madison			x	x			B			
Piper Cr.	P	5.3	Mouth	31,34N,22W	Polk			x	x			B			
Pipes Br.	C	2.0	Mouth	16,49N,15W	Howard			x	x			B			
Pippin Br.	P	3.0	26,37N,20W	28,37N,20W	Hickory			x	x			B			
Pippin Br.	P	1.0	Mouth	26,37N,20W	Hickory			x	x			B			
Platte R.	P	142.4	Mouth	State Line	Platte	Worth	x	x	x			B	x	x	
Plattin Cr.	P	19.9	Mouth	01,38N,05E	Jefferson	St. Francois		x	x			A	x		x
Plattin Cr.	C	3.5	31,39N,06E	8,38N,06E	Jefferson	St. Francois		x	x			B			

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Pleasant Run Cr.	C	7.6	Mouth	28,34N,31W	Vernon			x	x			B			
Pleasant Valley Cr.	P	3.2	Mouth	14,39N,5W	Crawford			x	x			B			
Pleasant Valley Cr.	C	1.7	14,39N,5W	24,39N,5W	Crawford			x	x			B			
Plum Cr.	C	1.8	Mouth	2,33N,6E	Madison			x	x			B			
Pogue Cr.	C	2.5	Mouth	32,24N,28W	Barry			x	x			B			
Pointers Cr.	C	1.0	Mouth	31,43N,7W	Osage			x	x			B	x		
Pole Cat Slough	P	12.6	Mouth	2,18N,9E	Dunklin			x	x			B			
Pole Hollow	P	4.3	Mouth	25,42N,20W	Benton			x	x			B			
Polecat Cr.	C	4.0	Mouth	13,34N,26W	Cedar			x	x			B			
Polecat Cr.	C	11.1	Mouth	Hwy. 136	Harrison			x	x			B			
Pomme Cr.	P	1.8	Mouth	Sur	Jefferson			x	x			B			
				2991,43N,06E											
Pomme de Terre R.	P	21.8	Mouth	Pomme de Terre	Hickory			x	x	x		A	x		
				Dam											
Pomme de Terre R.	P	69.1	Mouth	8,30N,18W	Polk	Webster		x	x			A	x		
Pond Cr.	P	4.0	Mouth	5,28N,23W	Greene			x	x			B			
Pond Cr.	P	1.3	Mouth	35,38N,3E	Washington			x	x			B			
Pond Cr.	C	1.0	Mouth	3,37N,3E	Washington			x	x			B			
Pond Cr.	C	3.0	Mouth	30,30N,33W	Jasper			x	x			B			
Pond Cr.	P	4.4	Mouth	11,29N,8E	Bollinger			x	x			B			
Pond Cr.	C	2.0	11,29N,8E	3,29N,8E	Bollinger			x	x			B			
Pond Fk.	P	4.2	Mouth	23,23N,16W	Ozark			x	x			B			
Pond Fk.	C	6.3	23,23N,16W	Taney Co. Line	Ozark			x	x			B			
Pond Spring Br.	P	2.6	Mouth	15,30N,08W	Texas			x	x			B			
Poney Cr.	P	3.9	Mouth	13,44N,33W	Cass			x	x			B			
Poney Cr.	C	8.3	13,44N,33W	State Line	Cass			x	x			B			
Poor Cr.	C	3.0	Mouth	13,48N,3W	Montgomery			x	x			B			
Possum Hollow	C	1.0	Mouth	12,38N,17W	Camden			x	x			B			
Possum Hollow	P	1.4	28,27N,7E	22,27N,7E	Wayne			x	x			B			
Possum Hollow	C	1.0	22,27N,7E	16,27N,7E	Wayne			x	x			B			
Possum Trot Hollow	P	2.0	Mouth	16,35N,2W	Crawford			x	x			B			
Possum Trot Hollow	C	1.0	16,35N,2W	21,35N,2W	Crawford			x	x			B			
Possum Walk Cr.	C	4.2	Mouth	18,21N,13W	Ozark			x	x			B			
Post Oak Cr.	P	3.3	Mouth	22,46N,26W	Johnson			x	x			B	x		
Potters Cr.	P	4.4	Mouth	16,28N,10W	Texas			x	x			B			
Potters Cr.	C	1.4	16,28N,10W	22,28N,10W	Texas			x	x			B			
Prairie Cr.	C	1.5	Mouth	1,39N,5W	Crawford			x	x			B			
Prairie Cr.	C	4.3	Mouth	3,27N,15W	Douglas			x	x			B			
Prairie Cr.	C	3.7	Mouth	12,52N,35W	Platte			x	x			B			
Prairie Cr.	C	3.5	Mouth	35,39N,22W	Benton			x	x			B			
Prairie Cr.	C	2.0	Mouth	36,39N,11W	Maries			x	x			B			
Prairie Cr.	C	4.1	Mouth	04,32N,12W	Texas	Laclede		x	x			B			
Prairie Fk.	P	2.9	Mouth	8,47N,6W	Montgomery			x	x			B			
Prairie Fk.	C	5.0	8,47N,6W	10,47N,7W	Montgomery	Callaway		x	x			B			
Prairie Fk.	C	0.8	Mouth	21,44N,3W	Franklin			x	x			B			
Prairie Fk.	C	3.9	Mouth	20,46N,9W	Callaway			x	x			B			
Prairie Hollow	P	6.8	Mouth	04,37N,18W	Camden			x	x			B			
Prairie Run Hollow	C	1.0	Mouth	25,25N,27W	Barry			x	x			B			
Price Br.	C	3.0	Mouth	34,34N,25W	Cedar			x	x			B			
Price Cr.	C	1.7	Mouth	27,40N,6W	Gasconade			x	x			B			
Prime Cr.	C	2.2	Mouth	31,46N,9W	Callaway			x	x			B			

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Primrose Cr.	C	2.0	Mouth	22,38N,4E	St. Francois			x	x			B			
Profits Cr.	C	2.0	Mouth	24,42N,12W	Cole			x	x			B			
Province Br.	P	1.2	Mouth	2,29N,25W	Lawrence			x	x			B			
Pruett Cr.	P	1.7	Mouth	16,38N,5W	Crawford			x	x			B			
Pruett Cr.	C	1.2	16,38N,5W	9,38N,5W	Crawford			x	x			B			
Pryor Cr.	C	3.2	Mouth	08,37N,32W	Vernon			x	x			B			
Pucket Br.	C	1.2	Mouth	12,38N,1E	Washington			x	x			B			
Pump Hollow	C	2.0	Mouth	16,40N,2W	Crawford			x	x			B	x		
Punch Cr.	C	1.3	Mouth	6,31N,9E	Bollinger			x	x			B			
Puncheon Cr.	C	2.9	Mouth	36,44N,6W	Gasconade			x	x			B			
Purcett Br.	C	3.2	Mouth	05,35N,25W	St. Clair	Cedar		x	x			B			
Puzzle Cr.	C	12.5	Mouth	25,57N,17W	Chariton	Macon		x	x			B			
Pyatt Hollow	C	2.0	Mouth	13,36N,3W	Crawford			x	x			B			
Quick Cr.	P1	1.8	Mouth	Sur	Montgomery			x	x			B			
Quick Cr.	C	2.0	Sur	2658,46N,5W	Montgomery			x	x			B	x		
Rabbit Hollow	C	1.5	Mouth	14,38N,1E	Washington			x	x			B			
Raccoon Cr.	C	3.7	Mouth	5,61N,25W	Grundy			x	x			B	x		
Raccoon Hollow	C	1.0	Mouth	16,24N,11W	Ozark			x	x			B			
Race Cr.	P	0.5	Mouth	21,37N,1E	Washington			x	x			B			
Ragan Br.	C	4.3	Mouth	20,36N,07W	Phelps			x	x			B			
Railey Cr.	C	7.4	Mouth	Reeds Spring	Stone			x	x			B			
Rainy Cr.	P	2.5	Mouth	7,39N,19W	Camden			x	x			A	x		
Rainy Cr.	C	1.5	7,39N,19W	13,39N,20W	Camden	Benton		x	x			B			
Ramsey Br.	P	6.5	Mouth	33,31N,13E	Cape Girardeau			x	x			B	x		
Ramsey Br.	C	1.0	33,31N,13E	28,31N,13E	Cape Girardeau			x	x			B			
Ramsey Cr.	C	8.9	Mouth	Sur 1709(9), 52N,1E	Pike			x	x			B			
Ramsey Cr.	P	6.3	Mouth	20,29N,14E	Scott			x	x			B			
Ramsey Cr. Div. Chan.	P	3.0	Mouth	1,29N,13E	Scott			x	x			B			
Rattlesnake Cr.	C	3.0	Mouth	3,56N,25W	Livingston			x	x			B			
Red Oak Cr.	P	5.2	Mouth	28,42N,4W	Franklin	Gasconade		x	x			B			
Red Oak Cr.	C	10.0	28,42N,4W	16,41N,5W	Gasconade			x	x			B			
Reed Cr.	C	2.7	Mouth	11,37N,32W	Vernon			x	x			B			
Reese Fk.	C	7.0	Mouth	28,53N,12W	Monroe			x	x			B	x		
Reid Cr.	C	2.6	Mouth	5,38N,27W	St. Clair			x	x			B			
Reid Cr.	C	2.0	Mouth	Sur	Lincoln			x	x			B			
Reid Cr.	C	2.3	Mouth	Sur	Washington	Iron		x	x						
Reisobel Br.	C	1.2	Mouth	3093,35N,3E	Gasconade			x	x			B			
Renfro Cr.	C	1.5	Mouth	21,40N,6W	Callaway			x	x			B			
Richland Cr.	C	0.5	Mouth	14,49N,11W	Gasconade			x	x			B			
Richland Cr.	C	4.3	Mouth	6,44N,6W	Callaway			x	x			B	x		
Richland Cr.	P	5.1	Mouth	29,48N,9W	Howard			x	x			B			
Richland Cr.	C	2.0	Hwy. 87	Hwy. 87	Howard			x	x			B			
Richland Cr.	P	8.7	13,45N,19W	16,50N,17W	Morgan			x	x			A	x		
Richland Cr.	C	10.0	17,44N,18W	17,44N,18W	Morgan			x	x			A	x		
Ricky Cr.	C	7.8	Mouth	22,43N,18W	St. Clair			x	x			B			
Riggin Br.	C	1.9	Mouth	14,39N,28W	Andrew			x	x			B			
Rings Cr.	P	5.2	Mouth	21,60N,35W	Wayne			x	x			A			
Rings Cr.	P	5.2	Mouth	23,29N,4E	Wayne			x	x			A			

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Rings Cr.	C	1.1	23,29N,4E	27,29N,4E	Wayne			x	x			B			
Rippee Cr.	P	4.5	Mouth	13,25N,15W	Douglas			x	x			B			
Rippee Cr.	C	2.0	13,25N,15W	14,25N,15W	Douglas			x	x			B			
Rising Cr.	P	1.2	Mouth	Sur	Cole			x	x						
				5616,44N,10W											
Rising Cr.	C	4.4	19,44N,10W	36,44N,11W	Cole			x	x			B		x	
Rivaux Cr.	P1	2.2	Mouth	21,44N,10W	Callaway			x	x			B			
Rivaux Cr.	C	3.5	21,44N,10W	8,44N,10W	Callaway			x	x			B			
River aux Vases	P	21.6	Mouth	12,36N,7E	Ste. Genevieve			x	x			A			
River aux Vases	C	7.1	12,36N,7E	27,36N,7E	Ste. Genevieve			x	x			B			
River des Peres	P	2.6	Mouth	Sur	St. Louis City			x	x					x	
				1359,44N,6E											
River des Peres	P	3.7	Sur	Sur	St. Louis City			x	x					x	
				1359,44N,6E											
Roach Lake Cr.	C	0.7	Mouth	30,57N,24W	Livingston			x	x			B			
Roaring R.	P	6.5	Mouth	27,22N,27W	Barry			x	x		x	A		x	
Roaring Springs	P	0.1	Mouth	35,33N,10W	Texas			x	x			B			
Roark Br.	C	1.3	Mouth	23,43N,14W	Cole			x	x					x	
Roark Cr.	C	2.7	Mouth	36,23N,22W	Taney			x	x		x	A		x	
Roark Cr.	C	4.0	36,23N,22W	15,23N,22W	Taney			x	x			A		x	
Roberts Br.	C	2.0	Mouth	5,54N,32W	Clinton			x	x			B			
Robinson Br.	C	2.0	Mouth	30,36N,29W	Vernon			x	x			B			
Robinson Creek	P	3.1	Mouth	Hwy B	Phelps			x	x			B			
Rock Br.	C	3.1	Mouth	25,36N,3W	Crawford			x	x			B			
Rock Br.	P	2.0	State Line	12,26N,34W	Newton			x	x			B			
Rock Cr.	C	1.0	Mouth	19,43N,11W	Cole			x	x			B			
Rock Cr.	C	3.0	Mouth	24,33N,12W	Texas			x	x			B			
Rock Cr.	P	5.8	Mouth	Sur	Jefferson			x	x			B		x	
				2970,42N,5E											
Rock Cr.	C	3.0	Sur	Sur	Jefferson			x	x			B			
				2970,42N,5E											
Rock Cr.	P	2.2	Mouth	30,64N,41W	Atchison			x	x			B			
Rock Cr.	C	19.0	30,64N,41W	17,66N,40W	Atchison			x	x			B			
Rock Cr.	P	2.6	36,22N,26W	24,22N,26W	Barry			x	x			B			
Rock Cr.	C	4.6	24,22N,26W	8,22N,26W	Barry			x	x			B			
Rock Cr.	P	0.8	Mouth	19,34N,7E	Madison			x	x			B			
Rock Cr.	C	2.0	Mouth	9,34N,7E	Madison	St. Francois		x	x			B			
Rock Cr.	P	2.9	Mouth	16,33N,5E	Madison			x	x			B			
Rock Cr.	C	1.1	16,33N,5E	17,33N,5E	Madison			x	x			B			
Rock Cr.	C	3.4	Mouth	31,53N,31W	Clay			x	x			B			
Rock Cr.	C	4.8	Mouth	34,62N,12W	Knox			x	x			B			
Rock Cr.	P	0.5	Mouth	9,45N,13W	Cole			x	x			B			
Rock Cr.	C	4.0	9,45N,13W	18,45N,13W	Cole			x	x			B		x	
Rock Enon Cr.	C	3.3	Mouth	14,43N,15W	Moniteau			x	x			B			
Rockhouse Cr.	P	2.8	Mouth	14,23N,26W	Barry			x	x			B			
Rockhouse Cr.	C	4.3	14,23N,26W	28,23N,26W	Barry			x	x			B			
Rocky Br.	C	3.2	Mouth	11,52N,33W	Clay			x	x			B			
Rocky Br.	C	0.4	Mouth	23,39N,02E	Washington			x	x			B			
Rocky Br.	C	1.6	Mouth	10,32N,10W	Texas			x	x						
Rocky Br.	C	1.7	Mouth	16,43N,16W	Moniteau			x	x			B			
Rocky Cr.	P	2.4	Mouth	6,28N,2W	Shannon			x	x			B			
Rocky Cr.	C	2.7	Mouth	7,28N,8E	Wayne	Bollinger		x	x			B			

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Rocky Fk.	C	11.3	Mouth	36,50N,13W	Boone		x	x				B			
Rocky Fk.	C	0.1	Mouth	04,35N,01W	Washington		x	x				B			
Rocky Fk.	C	4.0	Mouth	19,53N,28W	Ray		x	x				B			
Rocky Ford. Cr.	P	3.0	Mouth	21,42N,18W	Morgan		x	x				B			
Rocky Hollow	C	1.2	Mouth	08,35N,29W	Vernon		x	x				B			
Rodgers Cr.	C	1.0	Mouth	7,39N,10W	Maries		x	x				B			
Rogers Cr.	C	9.6	Mouth	28,28N,02W	Carter		x	x				A			
Rollins Cr.	C	1.3	Mouth	16,38N,14W	Miller		x	x				B			
Rollins Cr.	C	7.0	Mouth	13,51N,29W	Ray		x	x							
Ross Cr.	P	3.0	Mouth	13,41N,21W	Benton		x	x				B			
Roth Cr.	C	1.8	Mouth	07,42N,01W	Franklin		x	x				B			
Roubidoux Cr.	P	4.0	Mouth	25,36N,12W	Pulaski		x	x			x	A		x	
Roubidoux Cr.	C	22.9	25,36N,12W	11,34N,12W	Pulaski		x	x		x		A		x	
Roubidoux Cr.	P	30.5	11,34N,12W	4,31N,11W	Pulaski	Texas	x	x		x		A		x	
Rubeneau Br.	C	1.8	Mouth	2115,37N,3E	Washington		x	x							
Rush Cr.	P	4.5	Mouth	22,51N,34W	Platte		x	x				B			
Rush Cr.	P	8.2	Mouth	5,51N,31W	Clay		x	x				A			
Rutledge Run	C	2.2	Mouth	15,35N,2E	Washington		x	x				B			
Rye Cr.	P	2.8	Mouth	23,41N,1E	Franklin		x	x				B			
Rye Cr.	C	1.0	23,41N,1E	26,41N,1E	Franklin		x	x				B			
S. Ashley Cr.	P	5.0	Mouth	8,31N,7W	Dent	Texas	x	x				B			
S. Ashley Cr.	C	2.0	9,31N,7W	18,31N,7W	Texas		x	x				B			
S. Big Cr.	C	5.6	Mouth	Lake Viking Dam	Daviess		x	x				B			
S. Blackbird Cr.	C	13.0	Mouth	18,65N,18W	Putnam		x	x				B			
S. Bridges Cr.	C	4.0	Mouth	13,22N,11W	Ozark		x	x				B			
S. Brush Cr.	C	2.0	Mouth	12,53N,9W	Monroe		x	x				B			
S. Davis Cr.	C	4.6	Mouth	22,48N,27W	Lafayette		x	x				B			
S. Deepwater Cr.	C	11.9	Mouth	20,40N,29W	Bates		x	x				B			
S. Dry Sac R.	P	2.0	Mouth	3,29N,22W	Greene		x	x				B			
S. Dry Sac R.	C	4.2	3,29N,22W	5,29N,21W	Greene		x	x				B			
S. Fabius R.	P	80.6	Mouth	29,62N,11W	Marion	Knox	x	x	x			B			
S. Fk. Apple Cr.	P	5.5	Mouth	34,34N,10E	Cape Girardeau	Perry	x	x	x			B			
S. Fk. Apple Cr.	C	1.0	34,34N,10E	4,33N,10E	Perry		x	x				B			
S. Fk. Blackwater R.	P	5.7	Mouth	19,46N,27W	Johnson		x	x				B			
S. Fk. Blackwater R.	C	15.1	19,46N,27W	30,47N,28W	Johnson		x	x				B		x	
S. Fk. Bratten Spring Cr.	C	1.8	Mouth	19,22N,14W	Ozark		x	x				B			
S. Fk. Brush Cr.	C	5.5	Mouth	03,34N,24W	Polk		x	x				B			
S. Fk. Buffalo Cr.	P	2.0	Mouth	30,24N,1E	Ripley		x	x		x		B			
S. Fk. Buffalo Cr.	C	4.7	30,24N,1E	34,24N,1W	Ripley		x	x		x		B			
S. Fk. Capps Cr.	C	4.3	Mouth	27,25N,28W	Barry		x	x				B		x	
S. Fk. Clear Cr.	C	6.0	Mouth	21,65N,36W	Nodaway		x	x				B			
S. Fk. Gees Cr.	C	2.8	Mouth	2,59N,25W	Livingston		x	x				B			
S. Fk. Isle Du Bois Cr.	C	4.0	Mouth	36,39N,6E	Ste. Genevieve		x	x				B			
S. Fk. Jonca Cr.	C	2.0	8,36N,7E	18,36N,7E	Ste. Genevieve		x	x				B			
S. Fk. M. Fabius R.	P	14.8	22,64N,12W	31,65N,13W	Scotland	Schuyler	x	x				B			
S. Fk. M. Fabius R.	C	13.0	31,65N,13W	Hwy. 63	Schuyler		x	x				B			
S. Fk. N. Fabius R.	C	11.5	Mouth	27,67N,15W	Schuyler		x	x				B			
S. Fk. North R.	P	6.9	Mouth	13,57N,8W	Marion		x	x				B			
S. Fk. North R.	C	4.3	13,57N,8W	21,57N,8W	Marion		x	x				B			
S. Fk. Pomme de Terre	P	5.0	Mouth	25,30N,20W	Greene		x	x				A		x	

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
S. Fk. S. Fabius R.	P	7.9	29,62N,11W	9,62N,12W	Knox			x	x			B			
S. Fk. S. Fabius R.	C	18.3	9,62N,12W	13,63N,14W	Knox	Adair		x	x			B			
S. Fk. S. Grand R.	C	14.2	Mouth	34,44N,33W	Cass			x	x			B			
S. Fk. Saline Cr.	P	23.4	Mouth	27,35N,9E	Perry			x	x		x	B			
S. Fk. Saline Cr.	C	5.0	27,35N,9E	1,34N,8E	Perry	Ste. Genevieve		x	x			B			
S. Fk. Salt R.	P	9.3	Mouth	Audrain Co. Line	Monroe		x	x	x			B		x	
S. Fk. Salt R.	C	40.1	29,53N,8W	5,49N,8W	Monroe	Callaway		x	x			B		x	
S. Fk. Spring Cr.	C	1.5	Mouth	13,26N,10W	Howell			x	x			B			
S. Fk. Spring R.	P	4.2	State Line	26,22N,8W	Howell			x	x			B			
S. Fk. Spring R.	C	11.0	26,22N,8W	32,23N,8W	Howell			x	x			B			
S. Fk. Turkey Cr.	C	4.5	21,35N,25W	34,35N,25W	Cedar			x	x			A			
S. Fk. Weaubleau Cr.	C	7.3	Mouth	20,36N,24W	St. Clair			x	x			A			
S. Flat Cr.	C	0.9	27,43N,22W	27,43N,22W	Benton			x	x			B			
S. Flat Cr.	P	8.2	Mouth	27,43N,22W	Pettis	Benton		x	x			B			
S. Grand R.	P	66.8	Mouth	02,44N,33W	Henry	Cass		x	x			B		x	
S. Indian Cr.	P	8.7	Mouth	1,23N,30W	Newton	McDonald		x	x		x	B			
S. Moreau Cr.	P	21.1	1,43N,13W	29,43N,14W	Cole			x	x			A		x	
S. Moreau Cr.	C	10.2	29,43N,14W	7,42N,15W	Cole	Miller		x	x			A		x	
S. Moreau Cr.	C	6.5	7,42N,15W	36,42N,15W	Miller			x	x			B			
S. Mud Cr.	C	3.8	Mouth	2,54N,27W	Ray			x	x			B			
S. Prong Beaverdam Cr.	C	7.2	Mouth	27,25N,3E	Ripley			x	x			B			
S. Prong Jacks Fk.	P	7.0	Mouth	21,28N,8W	Texas			x	x			B			
S. Prong Jacks Fk.	C	4.5	21,28N,8W	14,28N,9W	Texas			x	x			B			
S. Prong L. Black R.	P	5.5	Mouth	Hwy. 21	Ripley			x	x			B			
S. Prong L. Black R.	C	6.0	Hwy. 21	33,25N,2E	Ripley			x	x			B			
S. Rock Br.	C	3.2	Mouth	14,35N,3W	Crawford			x	x			B			
S. Spencer Cr.	C	9.3	Mouth	6,53N,4W	Ralls	Pike		x	x			B			
S. Spring Cr.	P	4.0	Mouth	23,25N,16W	Douglas			x	x			B			
S. Wyaconda R.	P	9.7	26,65N,9W	4,65N,10W	Clark	Scotland		x	x			B		x	
S. Wyaconda R.	C	17.5	4,65N,10W	32,67N,12W	Scotland			x	x			B			
Sac R.	P	48.8	Mouth	Stockton Lake Dam	St. Clair	Cedar	x	x	x			A		x	
Sac R.	P	35.0	1,31N,26W	15,29N,24W	Dade	Greene	x	x	x			A		x	
Sac R.	C	3.5	15,29N,24W	19,29N,23W	Greene			x	x			B			
Sadler Br.	C	0.8	Mouth	17,35N,24W	Polk			x	x			B			
Salem Cr.	C	2.0	Mouth	26,37N,5E	St. Francois			x	x			B			
Salem Springs Cr.	C	1.0	Mouth	11,32N,17W	Laclede			x	x			B			
Saline Cr.	P	13.8	Mouth	10,41N,15W	Miller			x	x			A		x	
Saline Cr.	P	11.0	Mouth	13,36N,9E	Ste. Genevieve	Perry		x	x			A			
Saline Cr.	P	15.0	13,36N,9E	16,35N,8E	Ste. Genevieve			x	x		x	A			
Saline Cr.	C	4.0	16,35N,8E	11,35N,7E	Ste. Genevieve			x	x			B			
Saline Cr.	P	4.3	Mouth	32,35N,3E	Iron			x	x			B			
Saline Cr.	P	1.8	Mouth	Sur	Jefferson			x	x			B			
Saline Cr.	C	2.3	Sur 3011, 43N,5E	3011,43N,5E	Jefferson			x	x			B		x	
Saline Cr.	P	5.8	Mouth	12,33N,7E	Madison			x	x			B			
Saline Cr.	C	1.1	12,33N,7E	7,33N,7E	Madison			x	x			B			
Salley Br.	C	0.1	Mouth	27,39N,22W	Benton			x	x			B			
Sals Cr.	C	1.5	Mouth	14,29N,13E	Scott			x	x			B			
Sals Cr. Div. Chan.	C	2.7	Mouth	3,29N,13E	Scott			x	x			B			

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Salt Br.	C	5.7	Mouth	35,53N,21W	Saline			x	x			B			
Salt Br.	C	7.2	Mouth	20,50N,22W	Saline			x	x			B			
Salt Cr.	C	5.0	Mouth	9,38N,26W	St. Clair			x	x			B			
Salt Cr.	C	14.9	Mouth	25,55N,20W	Chariton			x	x			B			
Salt Cr.	P1	3.0	Mouth	33,49N,15W	Howard			x	x			B			
Salt Cr.	C	10.0	33,49N,15W	31,50N,15W	Howard			x	x			B			
Salt Cr.	P	3.1	Mouth	6,49N,17W	Howard			x	x			B			
Salt Fk.	C	7.2	Mouth	2,51N,15W	Howard			x	x			B			
Salt Fk.	P	26.7	Mouth	28,51N,22W	Saline			x	x			B	x		
Salt Fk.	C	18.6	28,51N,22W	29,50N,24W	Saline	Lafayette		x	x			B			
Salt Pine Cr.	C	1.2	Mouth	5,38N,3E	Washington			x	x			B			
Salt Pond Cr.	P	3.6	Mouth	25,49N,23W	Saline			x	x			B			
Salt Pond Cr.	C	2.4	25,49N,23W	14,49N,23W	Saline			x	x			B			
Salt R.	P1	9.3	Re-Reg Dam	Cannon Dam	Ralls		x	x	x			A	x	x	
Salt R.	P1	15.0	Mouth	Hwy. 79	Pike		x	x	x			A	x		
Salt R.	P	29.0	Hwy. 79	Re-Reg Dam	Pike	Ralls	x	x	x			A	x	x	
Sampson Cr.	P	13.5	Mouth	19,62N,29W	Daviess	Harrison		x	x			B			
Sampson Cr.	C	5.6	19,62N,29W	1,62N,30W	Gentry			x	x			B			
Sand Cr.	C	15.0	Mouth	12,43N,26W	Henry			x	x			B			
Sand Cr.	C	4.9	Mouth	11,64N,37W	Nodaway			x	x			B			
Sand Cr.	C	1.8	Mouth	34,36N,06E	St. Francois			x	x			B			
Sand Cr.	P	1.6	Mouth	18,42N,4E	Jefferson			x	x			B			
Sand Cr.	C	2.4	Mouth	36,65N,16W	Schuyler			x	x			B			
Sand Hollow	C	0.3	Mouth	24,31N,10W	Texas			x	x						
Sand Run	C	2.0	Mouth	24,48N,1W	Lincoln			x	x			B			
Sandy Cr.	C	7.0	Mouth	27,52N,2W	Lincoln	Pike		x	x			B			
Sandy Cr.	C	7.5	Mouth	1987,41N,5E	Jefferson			x	x			B			
Sandy Cr.	P	2.4	Mouth	11,33N,11E	Cape Girardeau			x	x			B			
Sandy Cr.	C	1.3	Mouth	1,34N,10E	Perry			x	x			B			
Sandy Cr.	C	0.5	11,33N,11E	3,33N,11E	Cape Girardeau			x	x			B			
Sandy Cr.	C	6.0	Mouth	23,51N,5W	Montgomery	Audrain		x	x			B			
Sandy Cr.	C	13.8	Mouth	25,50N,1E	Lincoln			x	x			B			
Sandy Cr.	C	11.6	Mouth	15,65N,25W	Harrison	Mercer		x	x			B			
Sandy Cr.	C	3.0	Mouth	19,66N,17W	Putnam			x	x			B			
Sanford Cr.	C	1.0	Mouth	4,43N,10W	Cole			x	x			B			
Sara Br.	C	2.5	Mouth	01,32N,18W	Webster			x	x			B			
Sardine Cr.	C	1.8	Mouth	2,29N,25W	Lawrence			x	x			B			
Sawmill Hollow	C	2.6	Mouth	17,24N,11W	Ozark			x	x			B			
Sawyer Cr.	P	5.5	Mouth	1,28N,20W	Greene			x	x			B			
Schawanee Spr. Br.	C	2.8	Mouth	5,34N,11E	Perry			x	x			B			
School Hollow Cr.	P	1.3	Mouth	08,41N,09W	Osage			x	x			B			
Schoolhouse Hollow	C	0.3	Mouth	19,31N,09W	Texas			x	x			B			
Schulte Cr.	P	0.5	Mouth	8,43N,5W	Gasconade			x	x			B			
Schultz Cr.	C	5.0	Mouth	10,32N,21W	Polk			x	x			B			
Scott Br.	C	1.5	Mouth	21,37N,2W	Crawford			x	x			B			
Scott Br.	C	1.2	Mouth	5,37N,1E	Washington			x	x			B			
Scott Br.	C	0.5	Mouth	5,44N,15W	Moniteau			x	x						
Second Cr.	P	8.0	Mouth	12,43N,6W	Gasconade			x	x			B			
Second Cr.	C	6.5	12,43N,6W	Hwy. 19	Gasconade			x	x			B			
Second Cr.	C	11.5	Mouth	29,52N,33W	Clay	Platte		x	x			B			
Second Nicolson Cr.	P	4.5	4,32N,33W	18,32N,33W	Barton			x	x			B			

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Sees Cr.	P	1.0	Mouth	15,57N,7W	Marion			x	x			B			
Sees Cr.	C	2.2	15,57N,7W	22,57N,7W	Marion			x	x			B			
Sellars Cr.	C	3.5	Mouth	6,36N,14W	Camden			x	x			A	x		
Sellers Hollow	C	5.3	Mouth	7,37N,15W	Camden			x	x			B			
Selph Br.	P	1.0	Mouth	23,31N,20W	Greene			x	x			B			
Selvae Hollow	C	2.4	Mouth	21,33N,16W	Laclede			x	x			B			
Sewer Br.	C	1.0	Mouth	16,46N,21W	Pettis			x	x			B			
Shackelford Br.	C	5.9	Mouth	21,52N,29W	Ray			x	x			B			
Shady Cr.	C	9.4	Mouth	5,52N,5W	Pike			x	x			B			
Shain Cr.	C	13.0	Mouth	Hwy. 46	Harrison			x	x			B			
Sharpsburg Br.	C	1.5	Mouth	28,57N,8W	Marion			x	x			B			
Shaver Cr.	P	15.1	Mouth	06,45N,20W	Pettis			x	x			B			
Shaw Br.	C	1.2	Mouth	Sur	St. Francois			x	x			B			
				3272,36N,5E											
Shawnee Cr.	P	3.2	Mouth	8,33N,13E	Cape Girardeau			x	x			B			
Shawnee Cr.	P	2.0	Mouth	30,29N,3W	Shannon			x	x			B			
Shawnee Cr.	C	6.5	30,29N,03W	19,28N,03W	Shannon			x	x			B			
Shawnee Cr.	P	4.5	Mouth	9,45N,7W	Gasconade	Osage		x	x			B			
Shawnee Cr.	C	1.5	9,45N,7W	16,45N,7W	Osage			x	x			B			
Shays Cr.	C	1.7	Mouth	33,34N,7E	Madison			x	x			B			
Sheep Cr.	C	1.0	Mouth	1,56N,29W	Caldwell			x	x						
Shell Br.	C	5.3	Mouth	8,55N,8W	Monroe			x	x			B			
Shetley Cr.	P	4.0	Mouth	12,31N,7E	Madison			x	x			B			
Shetley Cr.	C	2.7	12,31N,7E	2,31N,7E	Madison			x	x			B			
Shibboleth Br.	P	1.0	Mouth	14,38N,3E	Washington			x	x			B			
Shibboleth Br.	C	3.0	14,38N,3E	21,38N,3E	Washington			x	x			B			
Shipley Slough	C	2.5	35,19N,9E	24,19N,9E	Dunklin			x	x			B			
Shoal Cr.	P	7.7	Mouth	27,36N,2W	Crawford			x	x			A			
Shoal Cr.	C	3.0	27,36N,2W	10,35N,2W	Crawford			x	x			B			
Shoal Cr.	C	3.1	Mouth	31,22N,17W	Taney			x	x			A	x		
Shoal Cr.	P	41.1	State Line	27,26N,30W	Newton		x	x	x	x		A	x	x	x
Shoal Cr.	P	0.5	10,25N,29W	Capps Cr.	Newton		x	x	x		x	A	x		
Shoal Cr.	P	15.7	9,25N,29W	12,23N,29W	Newton	Barry	x	x	x	x		A	x		
Shoal Cr.	C	5.0	12,23N,29W	32,23N,28W	Barry			x	x			B			
Shoal Cr.	P	10.3	Mouth	27,51N,32W	Clay			x	x			B			
Shoal Cr.	C	10.6	27,51N,32W	2,51N,33W	Clay			x	x			B			
Shoal Cr.	P	54.6	Mouth	25,56N,28W	Livingston	Caldwell		x	x			A	x	x	
Shoal Cr.	C	34.0	25,56N,28W	5,55N,30W	Caldwell	Clinton		x	x			B	x		
Shoal Cr.	C	17.4	Mouth	5,66N,17W	Putnam			x	x			B			
Shoal Cr. Ditch	C	9.8	27,57N,24W	28,56N,25W	Livingston			x	x			B			
Shootman Cr.	C	1.5	Mouth	6,53N,22W	Carroll			x	x			B			
Short Cr.	P	2.9	Mouth	30,22N,21W	Taney			x	x			B			
Short Cr.	C	0.9	30,22N,21W	36,22N,22W	Taney			x	x			B			
Shrum Cr.	P	1.7	Mouth	6,33N,10E	Bollinger			x	x			B			
Shrum Cr.	C	1.0	6,33N,10E	County Line	Bollinger			x	x			B			
Shuld Br.	C	2.0	Mouth	23,28N,9W	Texas			x	x			B			
Shuteye Cr.	C	4.5	Mouth	31,64N,16W	Adair			x	x			B			
Shut-in Cr.	P	1.8	Mouth	6,33N,2E	Reynolds			x	x			B			
Shut-in Cr.	C	3.3	6,33N,2E	20,34N,2E	Iron			x	x			B			
Shuyler Cr.	P	3.6	Mouth	28,28N,23W	Greene			x	x			B			
Silver Cr.	P	1.9	Mouth	25,27N,33W	Newton			x	x			B			

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Silver Cr.	C	1.8	Mouth	01,23N,21W	Taney			x	x			B			
Silver Cr.	C	8.4	Mouth	34,53N,15W	Chariton	Randolph		x	x			B			
Silver Fk.	C	30.0	Mouth	33,51N,11W	Boone			x	x			A			
Silver Lake Br.	C	2.0	Mouth	13,26N,23W	Stone			x	x			B			
Simms Cr.	C	2.6	Mouth	15,37N,27W	St. Clair			x	x			B			
Simpson Br.	C	2.0	Mouth	6,38N,2E	Washington			x	x			B			
Sims Br.	C	1.3	Mouth	26,31N,22W	Greene			x	x			B			
Sinking Cr.	P	2.3	Mouth	10,30N,26W	Dade			x	x			B			
Sinking Cr.	C	2.0	10,30N,26W	12,30N,26W	Dade			x	x			B			
Sinking Cr.	P	5.2	12,30N,26W	16,30N,25W	Dade			x	x			B			
Sinking Cr.	P	24.0	Mouth	8,32N,3W	Shannon	Dent		x	x	x		A			
Sinking Cr.	P	19.9	Mouth	19,31N,1E	Reynolds			x	x			B			
Sitton Br.	P	0.8	Mouth	12,50N,2W	Lincoln			x	x			B			
Sitton Br.	C	2.8	12,50N,2W	10,50N,2W	Lincoln			x	x			B			
Skinner Cr.	C	1.3	Mouth	09,42N,03W	Franklin			x	x			B			
Skull Cr.	C	0.5	Mouth	10,47N,19W	Cooper			x	x			B			
Skullbones Cr.	C	1.1	Mouth	35,42N,03E	Jefferson			x	x			B			
Slabtown Br.	C	3.7	Mouth	23,33N,10W	Texas			x	x			B			
Slagle Cr.	P	8.2	Mouth	17,32N,22W	Polk			x	x			B			
Slagle Cr.	P	2.2	Mouth	18,28N,9E	Bollinger			x	x			B			
Slater Br.	C	2.0	Mouth	Sur	Madison			x	x			B			
				1852,33N,6E											
Slater Br.	C	3.7	Mouth	34,30N,32W	Jasper			x	x			B			
Smiley Cr.	C	3.0	Mouth	36,46N,17W	Cooper			x	x			B			
Smith Br.	C	3.6	Mouth	18,48N,5W	Montgomery			x	x			B			
Smith Br.	C	0.5	Mouth	16,47N,9W	Callaway			x	x			B			
Smith Cr.	C	1.5	Mouth	26,47N,11W	Callaway			x	x			B			
Smith Cr.	C	12.0	Mouth	2,43N,17W	Moniteau	Morgan		x	x			A			
Smith Fk.	C	3.0	Mouth	15,56N,31W	Clinton			x	x			B			
Smith Hollow	C	1.0	Mouth	31,23N,11W	Ozark			x	x			B			
Smith Hollow Cr.	P	1.1	Mouth	26,37N,10W	Phelps			x	x			B			
Smith Hollow Cr.	C	1.9	Mouth	36,37N,10W	Phelps			x	x			B			
Snag Br.	C	2.4	Mouth	21,34N,27W	Cedar			x	x			B			
Snapps Br.	C	1.5	Mouth	2,36N,1W	Washington			x	x			B			
Sni-a-bar Cr.	C	4.3	30,48N,29W	5,47N,29W	Jackson			x	x			B			
Sni-a-bar Cr.	P	36.6	Mouth	30,48N,29W	Lafayette	Jackson		x	x			B	x		
Snowden Br.	C	2.0	Mouth	1,32N,7E	Madison			x	x			B			
Snyder Ditch	C	6.5	26,24N,7E	26,25N,7E	Butler			x	x			B			
Soap Cr.	P	1.0	Mouth	32,41N,17W	Morgan			x	x			B			
Soap Cr.	P	0.8	Mouth	19,42N,04W	Gasconade			x	x			B			
Soap Cr.	C	4.5	19,42N,04W	11,42N,05W	Gasconade			x	x			B	x		
Sons Cr.	P	1.5	Mouth	27,32N,27W	Dade			x	x			B			
Sons Cr.	C	10.8	27,32N,27W	31,31N,27W	Dade			x	x			B			
South Cr.	P	3.8	Mouth	34,29N,22W	Greene			x	x			B			
South Fk.	C	4.5	Mouth	25,24N,15W	Ozark			x	x			B			
South Fk. Blackwater R.	C	17.1	Mouth	08,46N,23W	Saline	Pettis		x	x			B			
South R.	P1	2.6	Mouth	16,58N,5W	Marion			x	x			B			
South R.	C	16.3	16,58N,5W	33,57N,6W	Marion			x	x			B			
Sparrow Foot Cr.	C	2.6	Mouth	15,41N,25W	Henry			x	x			B			
Spence Cr.	C	3.6	1,28N,15W	19,28N,15W	Wright			x	x			B			

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IRR LWW AQL CLF CDF WBC SCR DWS IND
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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Spencer Cr.	C	2.3	Mouth	14,37N,17W	Camden			x	x			B			
Spencer Cr.	C	1.5	Mouth	Sur	St. Charles			x	x						
				1786,47N,4E											
Spencer Cr.	P	11.0	Mouth	31,55N,4W	Ralls			x	x			B			
Spencer Cr.	C	24.0	31,55N,4W	23,53N,6W	Ralls			x	x			B			
Spillway Ditch	P	24.7	28,23N,15E	33,25N,16E	New Madrid	Mississippi		x	x			A			
Spillway Ditch	C	8.7	5,24N,16E	25,26N,16E	Mississippi			x	x			B			
Splice Cr.	P	3.6	Mouth	7,47N,14W	Moniteau			x	x			A	x		
Splice Cr.	C	2.5	7,47N,14W	11,47N,15W	Moniteau			x	x			B			
Spring Alec Hollow	P	1.5	Mouth	29,30N,2W	Shannon			x	x			B			
Spring Alec Hollow	C	1.3	29,30N,2W	21,30N,2W	Shannon			x	x			B			
Spring Br.	P	1.0	Mouth	19,41N,17W	Morgan			x	x		x	B			
Spring Br.	P	1.9	Mouth	4,29N,22W	Greene			x	x			B			
Spring Cr.	P	5.8	Mouth	8,34N,24W	Cedar	Polk		x	x			B			
Spring Cr.	P	5.4	Mouth	17,39N,8W	Maries			x	x			B			
Spring Cr.	P	7.4	Mouth	31,35N,9W	Phelps		x	x	x		x	A	x		
Spring Cr.	P	16.0	31,35N,9W	16,33N,9W	Phelps	Texas		x	x			B			
Spring Cr.	C	3.7	16,33N,9W	26,33N,9W	Texas			x	x				x		
Spring Cr.	P	18.0	Mouth	19,34N,05W	Dent			x	x			B	x		
Spring Cr.	P	2.7	Mouth	4,41N,2W	Franklin			x	x		x	B			
Spring Cr.	C	5.1	4,41N,2W	17,41N,2W	Franklin			x	x			B	x		
Spring Cr.	P	6.5	Mouth	12,26N,24W	Stone			x	x		x	B			
Spring Cr.	P	5.2	Mouth	14,23N,11W	Ozark			x	x			B	x		
Spring Cr.	P	7.5	14,23N,11W	17,23N,10W	Ozark	Howell		x	x			A	x		x
Spring Cr.	C	8.9	17,23N,10W	6,23N,9W	Howell			x	x			B			
Spring Cr.	P	19.2	Mouth	23,26N,10W	Douglas	Howell		x	x			B	x		
Spring Cr.	P	6.0	Mouth	06,24N,13W	Douglas	Ozark		x	x		x	B	x		
Spring Cr.	C	5.3	6,24N,13W	8,24N,14W	Ozark			x	x			B			
Spring Cr.	C	1.0	Mouth	30,23N,8W	Howell			x	x			B			
Spring Cr.	P	8.5	Mouth	24,25N,5W	Oregon			x	x			B			
Spring Cr.	C	5.8	24,25N,5W	3,25N,5W	Oregon			x	x			B			
Spring Cr.	C	4.0	Mouth	28,49N, 01W	Lincoln			x	x			B			
Spring Cr.	P	18.7	Mouth	26,64N,18W	Adair	Sullivan	x	x	x			A			
Spring Cr.	C	5.0	26,64N,18W	19,64N,18W	Sullivan			x	x			B	x		
Spring Cr.	P	1.0	Mouth	18,25N,16W	Douglas			x	x			B			
Spring Cr. Ditch	C	4.4	27,25N,9E	10,25N,9E	Stoddard			x	x			B			
Spring Fk.	C	6.3	16,44N,21W	01,43N,21W	Pettis	Benton		x	x			B			
Spring Fk.	P	5.4	Mouth	16,44N,21W	Pettis			x	x			B			
Spring Hollow	C	11.4	Bennett Springs	27,34N,17W	Laclede			x	x		x	B			
Spring R.	P	0.5	22,28N,34W	15,28N,34W	Jasper		x	x	x		x	A	x		x
Spring R.	P	61.7	State Line	20,28N,27W	Jasper	Lawrence	x	x	x		x	A	x		x
Spring R.	P	8.8	20,28N,27W	13,27N,27W	Lawrence		x	x	x		x	A	x		x
Spring R.	P	11.9	13,27N,27W	28,26N,26W	Lawrence			x	x			A	x		
Spring R.	C	1.0	28,26N,26W	27,26N,26W	Lawrence			x	x			B			
Spring Valley Cr.	P	10.8	Mouth	35,30N,5W	Shannon			x	x			B			
Spring Valley Cr.	C	10.0	35,30N,5W	6,29N,5W	Shannon			x	x			B			
Spurlock Hollow	C	2.7	Mouth	15,30N,11W	Texas			x	x			B			
Squaw Cr.	P	21.0	36,61N,39W	33,64N,38W	Holt	Atchison		x	x			B			
St. Francis R.	P	93.1	13,28N, 5E	16,35N,4E	Wayne	St. Francois	x	x	x		x	A	x		
St. Francis R.	C	3.8	16,35N,4E	Ozark Ore Lake Dam	St. Francois			x	x			B			

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St. Francis R.	P	104.0	State Line	Wappapello Dam	Dunklin	Wayne	x	x	x			A	x		
St. James Ditch	C	2.1	11,23N,15E	1,23N,15E	New Madrid			x	x			B			
St. Johns Bayou	P	4.7	Mouth	28,23N,15E	New Madrid			x	x			B			
St. Johns Cr.	P	21.0	Mouth	12,43N,2W	Franklin			x	x			B			
St. Johns Cr.	C	9.0	12,43N,2W	19,43N,2W	Franklin			x	x			B			
St. Johns Ditch	P	15.3	Mouth	16,25N,14E	New Madrid			x	x			B	x		
St. Johns Ditch	C	4.7	36,28N,13E	Sur	Scott		x	x	x			A			
St. Johns Ditch	P	18.7	16,25N,14E	1014,28N,14E	New Madrid	Scott		x	x					x	
St. Johns Div. Ditch	C	5.0	11,23N,15E	9,23N,16E	New Madrid			x	x			B			
St. Johns Div. Ditch	C	4.3	4,23N,16E	12,23N,16E	Mississippi			x	x			B			
Stahl Cr.	P	7.3	Mouth	25,29N,27W	Lawrence			x	x			B			
Stanley Cr.	P	3.1	Mouth	18,27N,8E	Wayne			x	x			B			
Starks Cr.	P	10.3	Mouth	12,37N,21W	Hickory			x	x		x	B			
Starks Cr.	C	7.0	12,37N,21W	31,37N,20W	Hickory			x	x		x	B			
Starvey Cr.	C	3.0	Mouth	15,32N,18W	Dallas			x	x			B			
Stater Cr.	P	2.4	Mouth	27,40N,2W	Crawford			x	x			B			
Stater Cr.	C	2.3	27,40N,2W	29,40N,2W	Crawford			x	x			B			
Steins Cr.	C	16.6	25,33N,15W	33,31N,15W	Laclede	Wright		x	x			B			
Stephens Br.	C	8.8	Mouth	29,47N,17W	Cooper			x	x			B			
Sterett Cr.	C	1.2	Mouth	21,41N,22W	Benton			x	x			B			
Steuber Hollow Cr.	P	0.6	Mouth	13,41N,09W	Osage			x	x			B			
Stevenson Bayou	C	6.4	25,26N,16E	31,27N,17E	Mississippi			x	x			B			
Stewart Cr.	P	1.0	Mouth	12,27N,19W	Christian			x	x			B			
Stewart Cr.	C	3.0	12,27N,19W	17,27N,18W	Christian			x	x			B			
Stick Br.	C	0.4	Mouth	21,36N,21W	Hickory			x	x			B			
Stillcamp Ditch	C	12.3	Mouth	35,24N,6E	Butler		x	x	x			B			
Stillhouse Br.	C	2.0	Mouth	26,62N,31W	Gentry			x	x			B			
Stinking Cr.	C	4.7	Mouth	5,34N,28W	Cedar			x	x			B			
Stinking Cr.	C	1.4	Mouth	22,35N,22W	Polk			x	x			B			
Stinking Cr.	C	15.8	24,56N,16W	Mouth	Macon			x	x			B			
Stinson Cr.	C	11.9	Mouth	16,47N,9W	Callaway			x	x			B			
Stoak Cr.	C	2.3	Mouth	14,45N,26W	Johnson			x	x			B			
Stockton Br.	C	3.6	Mouth	4,34N,26W	Cedar			x	x			B			
Stone Hill Br.	C	2.3	Mouth	35,34N,4W	Dent			x	x			B			
Stone Hill Br.	P	2.2	35,34N,4W	31,34N,3W	Dent			x	x			B			
Storys Cr.	C	2.7	Mouth	16,29N,4W	Shannon			x	x			B			
Stouts Cr.	P	7.3	Mouth	33,34N,4E	Madison	Iron	x	x	x		x	B	x		
Stouts Cr.	P	4.0	33,34N,4E	1,33N,3E	Iron			x	x			B	x		
Stouts Cr.	C	1.1	1,33N,3E	2,33N,3E	Iron			x	x			B			
Straight Fk.	P	12.0	4,44N,16W	6,43N,17W	Moniteau	Morgan		x	x			A			
Straight Fk.	C	6.0	6,43N,17W	36,43N,18W	Morgan			x	x			B			
Stream Mill Hollow	P	3.0	Mouth	27,32N,10W	Texas			x	x			B			
Stream Mill Hollow	C	2.0	27,32N,10W	28,32N,10W	Texas			x	x			B			
String Cr.	C	2.0	Mouth	20,45N,14W	Moniteau			x	x			B			
Stringtown Br.	C	1.5	Mouth	12,36N,1W	Washington			x	x			B			
Strobel Br.	P	0.7	Mouth	1,44N,14W	Cole			x	x			B			
Strobel Br.	C	2.0	12,44N,14W	35,45N,14W	Cole			x	x			B			
Strobel Br.	C	2.4	Mouth	24,44N,14W	Cole			x	x			B			
Strother Cr.	P	6.0	Mouth	33,34N,1W	Reynolds	Iron		x	x		x	B			
Sugar Br.	P	2.3	Mouth	12,48N,14W	Boone			x	x			B			

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Sugar Br.	C	3.0	12,48N,14W	3,48N,14W	Boone			x	x			B			
Sugar Cr.	C	1.6	Mouth	17,51N,13W	Boone			x	x			B			
Sugar Cr.	P	9.5	Mouth	23,41N,11W	Miller	Maries			x		x	B			
Sugar Cr.	C	13.8	Mouth	33,44N,30W	Cass			x	x			B			
Sugar Cr.	C	11.0	Mouth	Sur	Lincoln			x	x			B			
				1683,50N,1E											
Sugar Cr.	C	3.8	Mouth	33,45N,6W	Gasconade			x	x			B			
Sugar Cr.	C	5.5	Mouth	20,43N,5E	Jefferson			x	x			B			
Sugar Cr.	P	3.0	Mouth	2,54N,37W	Platte			x	x			B			
Sugar Cr.	C	6.5	2,54N,37W	28,55N,36W	Platte	Buchanan		x	x			B			
Sugar Cr.	P1	3.8	Mouth	18,64N,6W	Clark			x	x			B			
Sugar Cr.	C	10.2	18,64N,6W	29,65N,7W	Clark			x	x			B			
Sugar Cr.	C	12.0	Mouth	15,62N,7W	Lewis			x	x			B	x		
Sugar Cr.	P	8.0	Mouth	22,62N,26W	Grundy	Harrison		x	x			B			
Sugar Cr.	C	12.0	22,62N,26W	35,63N,27W	Harrison			x	x			B			
Sugar Cr.	C	6.3	Mouth	18,61N,15W	Adair			x	x			B			
Sugar Cr.	P	6.8	Mouth	Sugar Cr. Lake Dam	Randolph			x	x			B			
Sugar Cr.	C	1.5	Mouth	36,55N,3W	Pike			x	x			B			
Sugar Fk.	P	1.0	Mouth	5,23N,33W	McDonald			x	x			B			
Sugar Tree Br.	C	3.5	Mouth	34,52N,15W	Howard			x	x			B			
Sugarcamp Hollow	C	2.5	Mouth	17,23N,26W	Barry			x	x						
Sulphur Cr.	P	2.1	Mouth	15,51N,2W	Lincoln			x	x			B			
Sulphur Cr.	C	9.3	15,51N,2W	19,52N,2W	Lincoln	Pike		x	x			B			
Sulphur Cr.	C	1.8	Mouth	9,31N,4E	Iron			x	x			B			
Sulphur Cr.	P	5.5	Mouth	30,49N,16W	Howard			x	x			B			
Sulphur Cr.	C	7.0	30,49N,16W	26,50N,17W	Howard			x	x			B			
Summers Cr.	C	1.0	Mouth	19,32N,9E	Bollinger			x	x			B			
Surratt Cr.	C	1.2	Mouth	26,25N,19W	Christian			x	x			B			
Sutton Br.	P	0.5	Mouth	35,32N,2E	Reynolds			x	x			B			
Sutton Cr.	P	1.0	Mouth	12,29N,4W	Shannon			x	x			B			
Sutton Hollow	C	0.5	Mouth	36,31N,3E	Iron			x	x			B			
Swan Cr.	C	2.2	Mouth	8,42N,8W	Osage			x	x			B			
Swan Cr.	P	36.8	Mouth	4,26N,18W	Taney	Christian	x	x	x		x	A	x		
Swan Cr.	C	2.0	4,26N,18W	34,27N,18W	Christian	Douglas		x	x			B			
Swede Br.	C	0.4	Mouth	32,37N,21W	Hickory			x	x			B			
Sweet Hollow	C	2.7	Mouth	27,36N,17W	Laclede			x	x			B			
Sweet Spring Cr.	C	11.2	Mouth	18,53N,14W	Randolph			x	x			B	x		
Sweeten Cr.	C	1.6	Mouth	26,22N,13W	Ozark			x	x			B			
Sweetwater Br.	P	1.0	Mouth	30,34N,7E	Madison			x	x			B			
Sweetwater Br.	C	1.7	30,34N,7E	28,34N,7E	Madison			x	x			B			
Sweetwater Cr.	P	3.0	Mouth	28,31N,2W	Reynolds			x	x			B			
Sweezer Cr.	C	4.9	Mouth	20,58N,15W	Macon			x	x			B			
Swift Cr.	C	1.0	Mouth	15,26N,5E	Butler			x	x			B			
Swift Ditch	C	4.0	26,23N,14E	2,23N,14E	New Madrid			x	x			B			
Sycamore Br.	P	4.5	Mouth	7,29N,26W	Lawrence			x	x			B			
Sycamore Cr.	P	3.7	Mouth	20,29N,24W	Greene			x	x			B			
Sycamore Cr.	C	1.0	Mouth	15,27N,3W	Shannon			x	x			B			
Tabo Cr.	P	11.4	Mouth	27,50N,26W	Lafayette			x	x			B			
Tabo Cr.	C	8.4	27,50N,26W	20,49N,26W	Lafayette			x	x			B			
Tabor Cr.	P	5.6	Mouth	9,24N,10W	Douglas	Howell		x	x			B			

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Tabor Cr.	C	3.7	9,24N,10W	11,24N,10W	Howell			x	x			B			
Tanyard Cr.	C	4.0	Mouth	9,50N,16W	Howard			x	x			B			
Tarbuton Cr.	P	2.0	Mouth	4,26N,14W	Douglas			x	x			B			
Tarkio R.	P	33.5	Mouth	State Line	Holt	Atchison	x	x	x			B	x	x	
Tater Hill Cr.	C	7.7	Mouth	27,55N,24W	Carroll			x	x			B			
Taum Sauk Cr.	C	4.0	Mouth	14,33N,2E	Reynolds			x	x			B			
Tavern Cr.	P	39.2	Mouth	5,38N,12W	Miller			x	x	x		A	x		
Tavern Cr.	C	10.6	5,38N,12W	12,37N,13W	Miller	Pulaski		x	x	x		A			
Tavern Cr.	P	2.7	Mouth	12,44N,2E	Franklin			x	x			B			
Taylor Br.	C	1.2	Mouth	27,36N,6E	St. Francois			x	x			B			
Teague Br.	C	5.8	Mouth	1,33N,27N	Cedar			x	x			B			
Tebo Cr.	P	4.0	Mouth	6,42N,24W	Henry			x	x			B			
Tebo Cr.	C	0.5	6,42N,24W	31,43N,24W	Henry			x	x			B			
Tebo Cr.	C	3.1	Mouth	19,44N,21W	Pettis			x	x			B			
Teeter Cr.	C	3.0	Mouth	20,25N,14W	Douglas			x	x			B			
Tenmile Cr.	P	9.3	Mouth	10,25N,4E	Butler			x	x			A	x		
Tenmile Cr.	C	14.2	10,25N,4E	29,26N,3E	Butler	Carter		x	x			A	x		
Tenmile Pond	C	5.1	28,24N,16E	2,24N,16E	Mississippi			x	x			B			
Tennessee Cr.	C	8.0	Mouth	34,44N,31W	Cass			x	x			B			
Terell Br.	P	2.2	Mouth	17,28N,18W	Webster			x	x			B			
Terre Bleue Cr.	P	6.3	Mouth	Sur	St. Francois			x	x	x		A			
Terre Bleue Cr.	C	6.0	Sur	Sur	St. Francois			x	x			B			
Terrell Cr.	P	1.0	Mouth	2,27N,23W	Christian			x	x		x	B			
Terrell Cr.	P	3.7	2,27N,23W	5,27N,23W	Christian			x	x			B			
Terrell Cr.	C	1.0	5,27N,23W	6,27N,23W	Christian			x	x			B			
Terrell Cr.	P	1.0	6,27N,23W	1,27N,24W	Christian			x	x			B			
Thief Cr.	C	3.6	Mouth	12,66N,16W	Schuyler			x	x			B			
Third Cr.	P	4.5	Mouth	5,42N,6W	Osage	Gasconade		x	x			B			
Third Cr.	C	6.5	5,42N,6W	7,42N,5W	Gasconade			x	x			B			
Third Fk. Platte R.	C	33.7	Mouth	25,61N,33W	Buchanan	Gentry		x	x			B	x		
Thomas Cr.	C	8.8	Mouth	3,35N,20W	Hickory	Dallas		x	x			B			
Thompson Br.	C	1.0	Mouth	1,62N,31W	Gentry			x	x			B			
Thompson Br.	C	0.5	Mouth	5,47N,14W	Moniteau			x	x			B			
Thompson Cr.	C	1.6	Mouth	12,59N,27W	Daviess			x	x			B			
Thompson R.	P	70.6	Mouth	State Line	Livingston	Harrison	x	x	x			B		x	
Three Hill Cr.	C	4.4	Mouth	7,37N,4E	St. Francois			x	x			B	x		
Threemile Cr.	C	2.4	Mouth	21,40N,4W	Franklin	Crawford		x	x			B			
Thurman Cr.	P	3.0	Mouth	30,27N,32W	Newton			x	x			B			
Tick Cr.	C	4.4	Mouth	28,38N,9W	Phelps			x	x			B			
Tiff Cr.	P	2.1	Mouth	04,38N,04E	Jefferson			x	x			B			
Tiger Fk.	C	14.0	Mouth	10,59N,10W	Shelby			x	x			B			
Tobin Cr.	C	8.0	Mouth	34,65N,12W	Scotland			x	x			B			
Toby Hollow	C	1.7	Mouth	Toby Sprg.	Camden			x	x			B			
Todd Cr.	C	9.9	Mouth	15,52N,34W	Platte			x	x			B	x		
Todd Hollow	C	0.5	Mouth	34,35N,3W	Crawford			x	x			B			
Todd Hollow	C	1.0	Mouth	3,36N,2W	Crawford			x	x			B			
Tombstone Cr.	P	2.7	Mouth	26,62N,26W	Harrison			x	x			B			
Tombstone Cr.	C	3.9	26,62N,26W	28,62N,26W	Harrison			x	x			B			
Toms Cr.	C	2.2	Mouth	10,32N,2W	Reynolds			x	x				x		

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IRR LWW AQL CLF CDF WBC SCR DWS IND
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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Tory Cr.	P	2.8	Mouth	27,26N,22W	Stone	Christian		x	x		x	B			
Town Br.	P	0.8	Mouth	13,36N,1W	Washington			x	x			B			
Town Br.	C	1.8	13,36N,1W	18,36N,1E	Washington			x	x			B			
Town Br.	P	2.5	Mouth	12,33N,23W	Polk			x	x			B			
Townsend Slough	C	1.7	Mouth	21,37N,32W	Vernon			x	x			B			
Towstring Cr.	C	7.7	Mouth	20,56N,22W	Livingston			x	x			B			
Tr. to Blue Shawnee Cr.	C	1.8	Mouth	21,33N,13E	Cape Girardeau			x	x			B			
Tr. to Bois Brule Ditch	C	1.0	Mouth	1870,36N,11E	Perry			x	x			B			
Tr. to Isle du Bois Cr.	C	1.0	Mouth	14,39N,6E	Ste. Genevieve			x	x			B			
Tr. to N. Pr. Beaverdam Cr.	C	1.0	Mouth	19,25N,4E	Ripley			x	x			B			
Tr. to O. Ch. Nishnabotna R.	C	0.9	Mouth	17,64N,41W	Atchison			x	x			B			
Tr. to O. Ch. Nishnabotna R.	C	2.0	Mouth	30,66N,41W	Atchison			x	x			B			
Tr. to Woods Fk. Gasconade	C	2.3	2,29N,16W	15,29N,16W	Wright			x	x			B			
Trace Cr.	P	1.3	Mouth	1,35N,1W	Washington			x	x			B			
Trace Cr.	C	1.3	1,35N,1W	6,35N,1E	Washington			x	x			B			
Trace Cr.	C	6.2	Mouth	29,32N,6E	Madison			x	x			B			
Trace Cr.	P	4.0	Mouth	4,30N,8E	Wayne	Bollinger		x	x	x		B			
Trace Cr.	C	3.4	4,30N,8E	26,31N,8E	Bollinger	Madison		x	x			B			
Trail Cr.	C	4.0	Mouth	10,24N,12W	Ozark			x	x			B			
Trail Cr.	P	4.7	Mouth	Hwy. 136	Harrison			x	x			B			
Trail Cr.	C	5.0	Hwy. 136	19,64N,26W	Harrison			x	x			B			
Trib to Bates Cr.	C	1.0	Mouth	16,37N,02E	Washington			x	x			B			
Trib to Coon Cr.	C	0.5	Mouth	2,45N,22W	Pettis			x	x			B			
Trib to Coon Cr.	C	1.8	Mouth	12,45N,22W	Pettis			x	x			B			
Trib to Crabapple Cr.	C	1.3	Mouth	2,53N,26W	Ray			x	x			B			
Trib to E. Fk Postoak Cr.	C	2.0	Mouth	34,45N,26W	Johnson			x	x			B			
Trib to E. Fk Postoak Cr.	C	3.9	Mouth	23,44N,26W	Johnson			x	x			B			
Trib to L. Whitewater Cr.	C	1.0	16,33N,9E	17,33N,9E	Bollinger			x	x			B			
Trib to Pomme de Terre Res.	C	1.5	Mouth	30,36N,22W	Hickory			x	x			B			
Trib to Roubidoux Cr.	C	3.6	Mouth	7,33N,11W	Pulaski	Texas		x	x			B			
Trib to trib to Bois Brule Ditch	C	1.6	9,36N,11E	Sur 147,37N,11E	Perry			x	x			B			
Trib to Trib. to S. Moreau Cr.	C	1.2	Mouth	30,43N,15W	Moniteau			x	x			B			
Trib. Headwater Div.	P	1.5	Mouth	31,30N,12E	Cape Girardeau			x	x			B			
Trib. Headwater Div.	C	1.0	31,30N,12E	36,30N,11E	Cape Girardeau			x	x			B			
Trib. M. Fk. Big Cr.	C	1.6	Mouth	24,31N,6E	Madison			x	x			B			
Trib. M. Fk. Grand R.	C	1.4	Mouth	State Line	Worth			x	x			B			
Trib. M. Fk. Salt R.	C	1.0	Mouth	22,59N,14W	Macon			x	x			B			
Trib. M. Fk. Tebo Cr.	C	1.7	19,43N,24W	17,43N,24W	Henry			x	x			B			
Trib. M. Fk. Tebo Cr.	C	0.5	9,43N,24W	3,43N,24W	Henry			x	x			B			
Trib. M. Fk. Tebo Cr.	C	0.5	Mouth	5,43N,24W	Henry			x	x			B			
Trib. M. Fk. Tebo Cr.	C	3.1	Mouth	36,44N,25W	Henry			x	x			B			
Trib. Old Mines Cr.	C	1.5	Mouth	32,39N,3E	Washington			x	x			B			
Trib. to Alley Br.	C	1.6	Mouth	22,29N,5W	Shannon			x	x			B			
Trib. to Apple Cr.	C	4.7	Mouth	Hwy. 51	Perry			x	x			B			
Trib. to Apple Cr.	C	2.1	Mouth	16,34N,10E	Perry			x	x			B			

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Trib. to Atwell Cr.	C	3.2	Mouth	05,38N,11W	Miller	Maries		x	x			B			
Trib. to Baileys Cr.	C	0.8	Mouth	06,45N,06W	Gasconade			x	x			B			
Trib. to Baileys Cr.	P	0.8	Mouth	32,45N,07W	Osage			x	x			B			
Trib. to Baileys Cr.	C	0.5	Mouth	27,45N,7W	Osage			x	x			B			
Trib. to Barkers Cr.	C	1.0	Mouth	15,42N,24W	Henry			x	x			B			
Trib. to Barn Hollow	C	1.3	Mouth	4,27N,7W	Texas	Howell		x	x			B			
Trib. to Barren Fk.	C	1.0	Mouth	31,39N,13W	Miller			x	x			B			
Trib. to Barren Fork	C	1.5	Mouth	36,44N,05W	Gasconade			x	x			B			
Trib. to Basin Fk.	C	3.7	Mouth	23,44N,23W	Pettis			x	x			B			
Trib. to Basin Fk.	C	3.1	Mouth	36,45N,23W	Pettis			x	x			B			
Trib. to Bauer Br.	C	3.0	Mouth	28,43N,21W	Benton			x	x			B			
Trib. to Beaver Cr.	C	1.0	Mouth	25,29N,12W	Texas			x	x			B			
Trib. to Beaver Cr.	C	1.0	Mouth	23,24N,18W	Taney			x	x			B			
Trib. to Beaverdam Cr.	C	0.7	Mouth	25,47N,23W	Pettis			x	x			B			
Trib. to Beaverdam Cr.	C	0.8	Mouth	24,47N,23W	Pettis			x	x			B			
Trib. to Bee Cr.	C	1.8	Mouth	3,54N,35W	Platte			x	x			B			
Trib. to Beeler Br.	C	1.4	Mouth	29,28N,10W	Texas			x	x			B			
Trib. to Benton Cr.	P	0.7	Mouth	5,36N,5W	Crawford			x	x			B			
Trib. to Big Berger Cr.	C	0.8	Mouth	35,45N,4W	Franklin			x	x			B			
Trib. to Big Br.	C	1.2	Mouth	14,44N,04W	Franklin			x	x			B			
Trib. to Big Buffalo Cove	C	0.8	Mouth	35,41N,20W	Benton			x	x			B			
Trib. to Big Buffalo Cr.	C	0.6	Mouth	12,41N,20W	Benton			x	x			B			
Trib. to Big Cr.	C	3.0	Mouth	4,29N,8W	Texas			x	x			B			
Trib. to Big Cr.	C	2.2	Mouth	2,29N,8W	Texas			x	x			B			
Trib. to Big Cr.	C	1.0	Mouth	24,31N,3E	Iron			x	x			B			
Trib. to Big Cr.	C	1.4	Mouth	35,32N,3E	Iron			x	x			B			
Trib. to Big Lake Bayou	C	3.1	Mouth	19,27N,16E	Mississippi			x	x			B			
Trib. to Big Otter Cr.	C	1.0	Mouth	32,40N,25W	Henry			x	x			B			
Trib. to Big R.	C	1.0	Mouth	26,39N,3E	Washington			x	x			B			
Trib. to Big R.	C	1.0	Mouth	2,36N,3E	Washington			x	x			B			
Trib. to Billies Cr.	C	2.1	Mouth	10,29N,25W	Lawrence			x	x			B			
Trib. to Bird Br.	C	0.6	Mouth	14,41N,22W	Benton			x	x			B			
Trib. to Black R.	C	2.0	Mouth	11,30N,2E	Reynolds			x	x			B			
Trib. to Blackwater R.	C	1.1	Mouth	24,48N,22W	Saline	Pettis		x	x			B			
Trib. to Blackwater R.	C	0.7	Mouth	19,48N,22W	Saline	Pettis		x	x			B			
Trib. to Blackwater R.	C	0.5	Mouth	21,48N,23W	Pettis			x	x			B			
Trib. to Blackwater R.	C	1.7	Mouth	29,48N,23W	Pettis			x	x			B			
Trib. to Boeuf Cr.	C	1.5	Mouth	35,45N,3W	Franklin			x	x			B			
Trib. to Boeuf Cr.	C	1.5	Mouth	17,44N,3W	Franklin			x	x			B			
Trib. to Boeuf Cr.	C	1.2	Mouth	17,44N,2W	Franklin			x	x			B			
Trib. to Boeuf Cr.	C	0.2	Mouth	12,43N,04W	Franklin			x	x			B			
Trib. to Boeuf Cr.	C	1.3	Mouth	08,42N,04W	Gasconade			x	x			B			
Trib. to Bois Brule Cr.	C	0.9	Mouth	15,42N,13W	Cole			x	x			B			
Trib. to Bois Brule Cr.	C	0.7	Mouth	24,42N,13W	Cole			x	x			B			
Trib. to Bois Brule Ditch	P	1.7	Mouth	4,36N,11E	Perry			x	x			B			
Trib. to Boone Cr.	C	0.3	Mouth	15,40N,03W	Crawford			x	x			B			
Trib. to Bourbeuse R.	C	2.0	14,40N,06W	Hwy. B	Gasconade			x	x			B			
Trib. to Bourbeuse R.	P	0.2	Mouth	14,40N,06W	Gasconade			x	x			B			
Trib. to Brazeau Cr.	P	2.2	Mouth	7,34N,13E	Perry			x	x			B			
Trib. to Brazeau Cr.	C	1.0	7,34N,13E	12,34N,12E	Perry			x	x			B			
Trib. to Brewers Cr.	C	0.5	Mouth	19,34N,5E	Madison			x	x			B			
Trib. to Brock Cr.	C	1.0	Mouth	35,36N,1E	Washington			x	x			B			

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Trib. to Brush Cr.	C	1.9	Mouth	15,42N,23W	Benton			x	x			B			
Trib. to Brush Cr.	C	1.7	Mouth	24,42N,9W	Osage			x	x			B			
Trib. to Brush Cr.	C	1.5	Mouth	19,42N,8W	Osage			x	x			B			
Trib. to Brush Cr.	C	1.0	Mouth	34,40N,5W	Crawford			x	x			B			
Trib. to Brush Cr.	C	1.0	Mouth	25,40N,5W	Crawford			x	x			B			
Trib. to Brush Cr.	C	1.4	Mouth	30,36N,25W	St. Clair			x	x			B			
Trib. to Brush Cr.	C	0.4	Mouth	28,36N,25W	St. Clair			x	x			B			
Trib. to Brush Cr.	C	0.1	Mouth	26,39N,05W	Crawford			x	x			B			
Trib. to Brush Cr.	C	1.0	Mouth	34,43N,14W	Cole			x	x			B			
Trib. to Bryant Cr.	C	1.8	Mouth	14,24N,13W	Ozark			x	x			B			
Trib. to Bryants Cr.	C	3.0	Mouth	17,51N,1E	Lincoln			x	x			B			
Trib. to Bryants Cr.	C	1.7	Mouth	20,51N,1E	Lincoln			x	x			B			
Trib. to Bucklick Cr.	C	1.5	Mouth	24,44N,3W	Franklin			x	x			B			
Trib. to Bucklick Cr.	C	1.3	Mouth	29,44N,2W	Franklin			x	x			B			
Trib. to Burris Fk.	C	0.5	Mouth	34,44N,16W	Moniteau			x	x			B			
Trib. to Burris Fk.	C	0.5	Mouth	3,43N,16W	Moniteau			x	x			B			
Trib. to Busch Cr.	C	3.0	Mouth	34,44N,1W	Franklin			x	x			B			
Trib. to Busch Cr.	C	1.8	Mouth	35,44N,1W	Franklin			x	x			B	x		
Trib. to Butcher Cr.	C	1.0	Mouth	22,48N,1E	Lincoln			x	x			B			
Trib. to Byrd Cr.	C	1.0	Mouth	Sur	Cape Girardeau			x	x			B			
				2236,32N,12E											
Trib. to Camp Br.	C	1.0	Mouth	24,45N,22W	Pettis			x	x			B			
Trib. to Camp Br.	C	0.7	Mouth	23,45N,22W	Pettis			x	x			B			
Trib. to Camp Br.	C	0.8	Mouth	29,45N,22W	Pettis			x	x			B			
Trib. to Camp Cr.	C	1.1	Mouth	20,36N,6E	St. Francois			x	x			B			
Trib. to Cane Cr.	P	1.3	Mouth	Sur	Cape Girardeau			x	x			B			
				2138,32N,12E											
Trib. to Cane Cr.	C	0.8	Mouth	10,26N,4E	Butler			x	x			B			
Trib. to Cane Cr.	C	1.0	Mouth	8,26N,4E	Butler			x	x			B			
Trib. to Cane Cr.	C	1.2	Mouth	35,26N,4E	Butler			x	x			B			
Trib. to Caney Cr.	C	1.9	Mouth	12,24N,17W	Taney			x	x			A			
Trib. to Cape La Croix Cr.	C	1.7	Sur	11,31N,13E	Cape Girardeau			x	x						
				3314,31N,13E											
Trib. to Capps Cr.	P	1.0	Mouth	14,25N,29W	Newton			x	x			B			
Trib. to Castile Cr.	C	1.2	Mouth	3,56N,32W	Clinton			x	x			B			
Trib. to Castor R.	P	1.8	Mouth	5,28N,9E	Bollinger			x	x			B			
Trib. to Castor R.	C	0.5	5,28N,9E	Hwy. 51	Bollinger			x	x			B			
Trib. to Castor R.	C	1.5	Mouth	16,28N,10E	Bollinger	Stoddard		x	x			B			
Trib. to Castor R.	C	1.0	Mouth	25,34N,7E	Madison			x	x			B			
Trib. to Castor R.	P	3.0	Mouth	23,34N,7E	Madison			x	x			B			
Trib. to Cedar Cr.	C	0.5	Mouth	32,46N,11W	Callaway			x	x			B			
Trib. to Center Cr.	C	1.0	Mouth	21,27N,29W	Newton			x	x			B			
Trib. to Cherry Valley Cr.	C	1.2	Mouth	9,37N,3W	Crawford			x	x			B			
Trib. to Clark Fk.	C	0.5	Mouth	15,47N,16W	Cooper			x	x						
Trib. to Clear Cr.	C	1.0	Mouth	21,36N,2E	Washington			x	x			B			
Trib. to Clear Cr.	C	0.4	Mouth	23,44N,25W	Johnson			x	x			B			
Trib. to Clear Cr.	C	1.6	Mouth	26,39N,06W	Phelps			x	x			B			
Trib. to Clear Cr.	C	1.7	Mouth	05,34N,30W	Vernon			x	x			B			
Trib. to Clear Cr.	C	0.9	Mouth	28,42N,23W	Benton			x	x			B			
Trib. to Clear Cr.	C	1.8	Mouth	32,34N,30W	Vernon			x	x			B			
Trib. to Clear Cr.	C	2.2	Mouth	15,54N,31W	Clinton			x	x			B			

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Trib. to Clear Fk.	C	0.8	Mouth	15,44N,25W	Johnson		x	x				B			
Trib. to Clear Fk.	C	2.0	Mouth	04,44N,25W	Johnson		x	x				B			
Trib. to Coon Cr.	C	2.0	Mouth	32,54N,13W	Randolph		x	x				B			
Trib. to Coopers Cr.	C	3.2	Mouth	4,39N,26W	St. Clair		x	x				B			
Trib. to Courtois Cr.	C	1.2	Mouth	31,37N,1W	Washington		x	x				B			
Trib. to Crane Cr.	C	0.9	Mouth	14,36N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	0.8	Mouth	15,36N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	1.9	Mouth	2,36N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	1.0	Mouth	29,37N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	0.2	Mouth	01,36N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	0.4	Mouth	01,36N,21W	Hickory		x	x				B			
Trib. to Crane Cr.	C	0.1	Mouth	31,37N,21W	Hickory		x	x				B			
Trib. to Crider Cr.	C	0.9	Mouth	11,41N,7W	Osage		x	x				B			
Trib. to Crooked Cr.	C	1.0	Mouth	31,37N,4W	Crawford		x	x				B			
Trib. to Crooked Cr.	P	1.0	Mouth	Lk Girardeau Dam	Cape Girardeau		x	x				B			
Trib. to Crooked Cr.	C	1.5	9,30N,11E	5,30N,11E	Cape Girardeau		x	x				B			
Trib. to Crooked Cr.	C	1.0	Mouth	14,30N,10E	Bollinger		x	x				B			
Trib. to Crooked Cr.	C	0.7	Mouth	32,30N,11E	Cape Girardeau		x	x				B			
Trib. To Cub Cr.	C	1.9	Mouth	17,35N,1E	Washington		x	x				B			
Trib. to Davis Cr.	C	3.0	Mouth	3,61N,38W	Holt		x	x				B			
Trib. to Deer Cr.	P	1.0	Mouth	33,45N,08W	Osage		x	x				B			
Trib. to Deer Cr.	C	1.9	33,45N,08W	04,44N,08W	Osage		x	x				B			
Trib. to Deer Cr.	P	0.3	Mouth	06,39N,20W	Benton		x	x				B			
Trib. to Deer Cr.	P	0.8	Mouth	28,40N,20W	Benton		x	x				B			
Trib. to Dillard Cr.	C	1.5	Mouth	20,31N,11E	Cape Girardeau		x	x				B			
Trib. to Dry Cr.	C	1.0	Mouth	15,36N,3W	Crawford		x	x				B			
Trib. to Dry Cr.	C	1.8	Mouth	36,37N,3W	Crawford		x	x				B			
Trib. to Dry Cr.	C	4.8	Mouth	20,25N,9W	Howell		x	x				B			
Trib. to Dry Cr.	C	2.2	Mouth	10,25N,9W	Howell		x	x				B			
Trib. to Dry Fork	C	2.0	Mouth	34,37N,07W	Phelps		x	x				B			
Trib. to Dry Fork	C	0.4	Mouth	27,38N,06W	Phelps		x	x				B			
Trib. to Dunn Spring Cr.	C	1.5	Mouth	Sur 976,44N,1E	Franklin		x	x				B			
Trib. to E. Brush Cr.	C	0.5	Mouth	3,45N,15W	Moniteau		x	x				B			
Trib. to E. Fk. Crooked R.	C	4.8	Mouth	24,54N,28W	Ray		x	x				B			
Trib. to E. Fk. Huzzah Cr.	C	1.0	Mouth	30,34N,2W	Dent		x	x				B			
Trib. to E. Fk. L. Blue R.	P	1.9	Mouth	Lk. Tapawingo Dam	Jackson		x	x				B			
Trib. to E. Fk. Lost Cr.	P	1.0	Mouth	2,27N,7E	Wayne		x	x				B			
Trib. to E. Fk. Lost Cr.	C	1.0	2,27N,7E	2,27N,7E	Wayne		x	x				B			
Trib. to E. Fk. Rock Cr.	C	1.0	Mouth	18,22N,25W	Barry		x	x				B			
Trib. to E. Fk. Rock Cr.	C	1.0	Mouth	11,22N,26W	Barry		x	x				B			
Trib. to E. Fk. Sni-a-bar	C	3.8	Mouth	22,48N,28W	Lafayette		x	x				B			
Trib. to E. Fk. Sni-a-bar	C	2.7	Mouth	19,48N,28W	Lafayette		x	x				B			
Trib. to East Cr.	C	1.3	Mouth	32,46N,32W	Cass		x	x				B			
Trib. to Edmondson Cr.	C	3.1	Mouth	15,52N,20W	Saline		x	x				B			
Trib. to Elk Br.	C	0.2	Mouth	32,46N,22W	Pettis		x	x				B			
Trib. to Elk Fk.	C	0.2	Mouth	16,44N,23W	Pettis		x	x				B			
Trib. to Factory Cr.	P	0.5	Mouth	2,46N,14W	Moniteau		x	x				B			
Trib. to Factory Cr.	C	0.5	2,46N,14W	35,47N,14W	Moniteau		x	x				B			
Trib. to Factory Cr.	C	0.9	Mouth	29,47N,14W	Moniteau		x	x				B	x		

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Trib. to First Cr.	C	2.0	Mouth	28,45N,5W	Gasconade			x	x			B			
Trib. to Flat Cr.	C	2.2	Mouth	26,22N,28W	Barry			x	x			B			
Trib. to Flat Cr.	C	3.2	Mouth	15,45N,20W	Pettis			x	x			B	x		
Trib. to Flat Cr.	C	1.8	Mouth	18,45N,20W	Pettis			x	x			B			
Trib. to Flat Cr.	C	1.5	Mouth	18,45N,21W	Pettis			x	x			B			
Trib. to Flat Cr.	C	1.8	Mouth	24,45N,22W	Pettis			x	x			B			
Trib. to Flat Cr.	C	0.9	Mouth	10,44N,22W	Pettis			x	x			B			
Trib. to Flat Cr.	C	1.4	Mouth	19,44N,22W	Pettis			x	x			B			
Trib. to Flat Cr.	C	2.7	Mouth	07,43N,22W	Pettis			x	x			B			
Trib. to Flat Cr.	C	1.0	Mouth	14,43N,23W	Pettis	Benton		x	x			B			
Trib. to Fleck Cr.	C	2.5	Mouth	28,32N,33W	Barton			x	x			B			
Trib. to Fourche a DuClos Cr.	C	1.0	Mouth	31,38N,7E	Ste. Genevieve			x	x			B			
Trib. to Frene Cr.	C	0.5	Mouth	10,45N,5W	Gasconade			x	x			B			
Trib. to Gasconade R.	C	2.2	Mouth	24,44N,7W	Gasconade	Osage		x	x			B			
Trib. to Gasconade R.	C	0.5	26,29N,16W	34,29N,16W	Wright			x	x			B			
Trib. to Gasconade R.	C	1.4	Mouth	2,38N,9W	Phelps			x	x			B			
Trib. to Gizzard Cr.	C	1.0	Mouth	1,29N,10E	Bollinger			x	x			B			
Trib. to Goose Cr.	C	3.0	Mouth	18,28N,25W	Lawrence			x	x			B			
Trib. to Goose Pond Ditch	C	1.0	Mouth	4,26N,9E	Stoddard			x	x			B			
Trib. to Greasy Cr.	C	2.0	Mouth	15,21N,29W	Barry			x	x			B			
Trib. to Greedy Cr.	P	0.2	Mouth	Hwy B	Gasconade			x	x			B			
Trib. to Grindstone Cr.	C	1.0	Mouth	9,57N,30W	Dekalb			x	x			B			
Trib. to Hamilton Cr.	C	0.9	Mouth	29,40N,1W	Washington			x	x			B			
Trib. to Haw Cr.	P	1.0	Mouth	19,43N,19W	Morgan			x	x			B			
Trib. to Haw Cr.	C	1.0	Mouth	26,43N,20W	Benton			x	x			B			
Trib. to Hazel Cr.	C	0.8	Mouth	22,36N,1E	Washington			x	x			B			
Trib. to Heaths Cr.	C	3.9	Mouth	28,47N,22W	Pettis			x	x			B			
Trib. to Heaths Cr.	C	2.0	Mouth	20,47N,22W	Pettis			x	x			B			
Trib. to Heaths Cr.	C	1.1	Mouth	08,47N,21W	Pettis			x	x			B			
Trib. to Heaths Cr.	C	0.5	Mouth	32,48N,21W	Pettis			x	x			B			
Trib. to Henry Cr.	C	1.2	Mouth	31,44N,21W	Pettis	Benton		x	x			B			
Trib. to Hess Cr.	C	0.7	Mouth	18,47N,21W	Pettis			x	x			B			
Trib. to Hickory Cr.	C	0.6	Mouth	9,60N,25W	Grundy			x	x			B			
Trib. to Higgins Cr.	C	0.5	Mouth	34,43N,12W	Cole			x	x			B			
Trib. to High Cr.	C	2.0	Mouth	14,66N,41W	Atchison			x	x			B			
Trib. to Hinch Cr.	C	1.0	Mouth	34,39N,2W	Crawford			x	x			B			
Trib. to Hinkson Cr.	C	0.5	Mouth	2,49N,12W	Boone			x	x			B			
Trib. to Hogan Fk.	C	2.0	Mouth	13,44N,27W	Johnson			x	x			B			
Trib. to Hogles Cr.	C	1.0	Mouth	26,39N,24W	St. Clair			x	x			B			
Trib. to Hogles Cr.	C	3.3	Mouth	22,37N,23W	Hickory			x	x			B			
Trib. to Hogles Cr.	C	1.1	Mouth	32,39N,23W	Benton			x	x			B			
Trib. to Honey Run	C	0.8	Mouth	6,38N,15W	Camden			x	x			B			
Trib. to Horse Cr.	C	2.0	Mouth	29,32N,28W	Dade			x	x			B			
Trib. to Howell Cr.	C	1.4	Mouth	12,23N,7W	Howell			x	x			B			
Trib. to Huzzah Cr.	C	1.2	Mouth	26,38N,3W	Crawford			x	x			B			
Trib. to Huzzah Cr.	C	1.6	Mouth	29,37N,2W	Crawford			x	x			B			
Trib. to Huzzah Cr.	C	1.2	Mouth	17,35N,2W	Crawford			x	x			B			
Trib. to Huzzah Cr.	C	1.0	Mouth	4,35N,2W	Crawford			x	x			B			
Trib. to Indian Cr.	C	0.6	Mouth	6,40N,1E	Franklin			x	x			B			
Trib. to Indian Cr.	C	2.5	Mouth	15,40N,1W	Washington			x	x			B			

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Trib. to Indian Cr.	C	1.1	27,35N,4E	27,35N,04E	St. Francois		x	x				B			
Trib. to Indian Cr.	C	0.3	Mouth	07,35N,01W	Washington		x	x				B			
Trib. to Indian Cr.	P	0.9	Mouth	27,35N,4E	St. Francois		x	x				B			
Trib. to Indian Cr.	P	0.1	Mouth	35,42N,21W	Benton		x	x				B			
Trib. to Indian Cr.	C	1.9	Mouth	34,42N,20W	Benton		x	x				B			
Trib. to Indian Cr.	C	0.2	Mouth	12,40N,01W	Franklin		x	x				B			
Trib. to Indian Cr.	C	0.9	Mouth	21,40,9W	Maries		x	x				B			
Trib. to Indian Cr.	C	0.4	Mouth	32,38N,03W	Washington		x	x				B			
Trib. to James Cr.	C	1.0	Mouth	22,35N,3W	Crawford		x	x				B			
Trib. to Jenkins Cr.	C	1.8	7,27N,29W	20,27N,29W	Jasper	Newton	x	x				B			
Trib. to Joachim Cr.	C	1.0	Mouth	10,39N,4E	Jefferson		x	x				B			
Trib. to Johns Cr.	C	1.0	Mouth	23,36N,1W	Washington		x	x				B			
Trib. to Knobby Cr.	P	0.9	Mouth	35,40N,20W	Benton		x	x				B			
Trib. to L. Apple Cr.	C	0.5	Mouth	18,33N,12E	Cape Girardeau		x	x				B			
Trib. to L. Beaver Cr.	C	2.3	Mouth	15,37N,8W	Phelps		x	x						x	
Trib. to L. Berger Cr.	C	1.0	Mouth	4,45N,4W	Gasconade		x	x				B			
Trib. to L. Boeuf Cr.	C	0.3	Mouth	15,44N,2W	Franklin		x	x				B			
Trib. to L. Boeuf Cr.	C	1.2	Mouth	11,44N,2W	Franklin		x	x				B			
Trib. to L. Bourbeuse R.	C	1.2	Mouth	4,39N,4W	Crawford		x	x				B			
Trib. to L. Bourbeuse R.	C	2.0	Mouth	4,39N,4W	Crawford		x	x				B			
Trib. to L. Bourbeuse R.	C	0.1	Mouth	04,39N,07W	Maries		x	x				B			
Trib. to L. Bourbeuse R.	P	1.4	Mouth	02,39N,04W	Crawford		x	x				B			
Trib. to L. Clear Cr.	C	1.0	Mouth	2,36N,28W	St. Clair		x	x				B			
Trib. to L. Deer Cr.	C	0.4	Mouth	24,39N,21W	Benton		x	x				B			
Trib. to L. Dry Wood Cr.	C	1.3	Mouth	02,34N,32W	Vernon		x	x				B			
Trib. to L. Finley Cr.	P	2.0	Mouth	7,28N,17W	Webster		x	x				B			
Trib. to L. Indian Cr.	C	1.0	Mouth	26,40N,1E	Washington		x	x				B			
Trib. to L. Maries Cr.	C	1.5	Mouth	30,42N,10W	Osage		x	x				B			
Trib. to L. Maries R.	C	0.5	Mouth	3,40N,10W	Maries		x	x				B			
Trib. to L. Maries R.	C	0.9	Mouth	11,39N,11W	Maries		x	x				B			
Trib. to L. Maries R.	C	1.8	Mouth	09,40N,10W	Maries		x	x				B			
Trib. to L. Maries R.	C	0.1	Mouth	09,38N,11W	Maries		x	x				B			
Trib. to L. Mill Cr.	C	0.6	Mouth	19,38N,21W	Hickory		x	x				B			
Trib. to L. Moniteau Cr.	C	3.0	Mouth	11,45N,15W	Moniteau		x	x				B			
Trib. to L. Muddy Cr.	C	2.5	Mouth	04,46N,22W	Pettis		x	x				B			
Trib. to L. Muddy Cr.	C	2.9	Mouth	06,46N,22W	Pettis		x	x				B			
Trib. to L. Muddy Cr.	C	1.0	Mouth	14,46N,22W	Pettis		x	x				B			
Trib. to L. N. Fk. Spring R.	C	1.2	Mouth	29,31N,32W	Barton		x	x				B			
Trib. to L. Rocky Cr.	C	1.0	Mouth	1,28N,3W	Shannon		x	x				B			
Trib. to L. Sandy Cr.	C	2.1	Mouth	Sur	Lincoln		x	x				B			
				1686,51N,1W											
Trib. to L. Splice Cr.	C	1.0	Mouth	19,47N,14W	Moniteau		x	x				B			
Trib. to L. Tavern Cr.	C	1.1	Mouth	27,40N,11W	Maries		x	x				B			
Trib. to L. Tavern Cr.	C	1.3	Mouth	15,40N,11W	Maries		x	x				B			
Trib. to L. Tavern Cr.	C	1.2	Mouth	22,40N,11W	Maries		x	x				B			
Trib. to L. Tebo Cr.	C	1.5	Mouth	30,42N,22W	Benton		x	x				B			
Trib. to L. Tebo Cr.	C	0.9	Mouth	21,42N,22W	Benton		x	x				B			
Trib. to L. Turkey Cr.	C	1.4	Mouth	3,39N,22W	Benton		x	x				B			
Trib. to L. Weaubleau Cr.	C	0.5	Mouth	12,36N,23W	Hickory		x	x				B			
Trib. to Labadie Cr.	P	1.6	Mouth	6,43N,2E	Franklin		x	x				B			
Trib. to Labadie Cr.	C	0.5	Mouth	1,43N,1E	Franklin		x	x				B			

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Trib. to Labadie Cr.	C	1.0	Mouth	32,44N,2E	Franklin			x	x			B			
Trib. to LaBarque Cr.	P	1.0	Mouth	4,42N,3E	Jefferson			x	x			B			
Trib. to Lake Cr.	C	1.2	Mouth	17,43N,20W	Benton			x	x			B			
Trib. to Lake Cr.	C	0.6	Mouth	09,43N,20W	Benton			x	x			B			
Trib. to Lake Cr.	C	4.0	Mouth	02,43N,20W	Pettis	Benton		x	x			B			
Trib. to Lake Niangua	C	0.7	Mouth	19,37N,17W	Camden			x	x			B			
Trib. to Lake of Ozarks	C	1.0	Mouth	17,40N,19W	Camden			x	x			B			
Trib. to Lake of Ozarks	C	0.8	Mouth	5,39N,19W	Camden			x	x			B			
Trib. to Lake of Ozarks	C	0.7	Mouth	11,39N,19W	Camden			x	x			B			
Trib. to Lick Cr.	C	1.2	Mouth	34,39N,4W	Crawford			x	x			B			
Trib. to Lick Log Cr.	C	1.0	Mouth	33,29N,8E	Bollinger			x	x			B			
Trib. to Lindley Cr.	C	3.0	Mouth	34,35N,20W	Dallas			x	x			B			
Trib. to Little Cr.	C	1.0	Mouth	18,24N,15W	Ozark			x	x			B			
Trib. to Lk. Wappapello	P	0.5	Mouth	8,27N,7E	Wayne			x	x			B			
Trib. to Lk. Wappapello	C	0.5	8,27N,7E	9,27N,7E	Wayne			x	x			B			
Trib. to Logan Cr.	C	1.0	Mouth	28,44N,13W	Cole			x	x			B			
Trib. to Long Br.	C	0.4	Mouth	07,45N,23W	Pettis			x	x			B			
Trib. to Lost Cr.	C	1.0	Mouth	18,37N,1E	Washington			x	x			B			
Trib. to Lost Cr.	C	1.0	Mouth	21,37N,1W	Washington			x	x			B			
Trib. to Loutre R.	C	4.0	Mouth	20,50N,7W	Audrain			x	x			B			
Trib. to Macks Cr.	C	1.0	Mouth	18,37N,18W	Camden			x	x			B			
Trib. to Macks Cr.	C	1.0	Mouth	6,37N,18W	Camden			x	x			B			
Trib. to Marble Cr.	C	0.5	Mouth	18,32N,5E	Madison			x	x			B			
Trib. to Marble Cr.	C	1.5	Mouth	22,33N,4E	Iron			x	x			B			
Trib. to Maries R.	C	0.4	Mouth	18,38N,10W	Maries			x	x			B			
Trib. to Maries R.	C	0.7	Mouth	14,38N,11W	Maries			x	x			B			
Trib. to Maries R.	C	1.7	Mouth	9,39N,10W	Maries			x	x			B			
Trib. to Maries R.	C	0.5	Mouth	06,39N,10W	Maries			x	x			B			
Trib. to Maries R.	C	2.5	Mouth	21,42N,10W	Osage			x	x			B			
Trib. to Massey Cr.	C	3.3	Mouth	33,45N,33W	Cass			x	x			B	x		
Trib. to Maupin Br.	P	2.0	Mouth	26,47N,14W	Moniteau			x	x			B			
Trib. to Meramec R.	C	0.8	Mouth	29,38N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	1.4	Mouth	2,36N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	1.3	Mouth	23,36N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	1.5	Mouth	27,36N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	2.0	Mouth	30,36N,4W	Crawford			x	x			B			
Trib. to Meramec R.	C	1.0	Mouth	26,37N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	1.2	Mouth	8,37N,5W	Crawford			x	x			B			
Trib. to Meramec R.	C	2.4	Mouth	2,37N,5W	Crawford			x	x			B			
Trib. to Middle Big Cr.	C	3.6	Mouth	Lake Harrisonville	Cass			x	x			B			
Trib. to Mill Cr.	C	1.8	Mouth	14,37N,15W	Camden			x	x			B			
Trib. to Mill Cr.	C	1.0	Mouth	33,51N,1W	Lincoln			x	x			B			
Trib. to Mill Cr.	C	1.8	Mouth	13,66N,38W	Nodaway			x	x			B			
Trib. to Mill Cr.	C	0.3	Mouth	14,37N,21W	Hickory			x	x			B			
Trib. to Mill Cr.	C	0.6	Mouth	9,37N,21W	Hickory			x	x			B			
Trib. to Mill Cr.	C	0.1	Mouth	10,40N,08W	Maries			x	x			B			
Trib. to Mine a Breton Cr.	C	0.4	Mouth	24,37N,2E	Washington			x	x			B			
Trib. to Mineral Br.	C	0.5	Mouth	16,44N,15W	Moniteau			x	x			B			
Trib. to Mineral Cr.	C	1.0	Mouth	18,44N,25W	Johnson			x	x			B			
Trib. to Mineral Fk.	C	2.0	Mouth	33,39N,3E	Washington			x	x			B			

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Trib. to Missouri R.	P1	3.0	Mouth	21,44N,1E	St. Charles			x	x			B			
Trib. to Missouri R.	C	3.1	Mouth	07,44N,01W	Franklin			x	x			B			
Trib. to Missouri R.	C	5.3	Mouth	14,51N,23W	Saline			x	x			B			
Trib. to Moreau R.	C	0.5	Mouth	06,43N,12W	Cole			x	x						
Trib. to Moss Cr.	P	0.5	Mouth	12,52N,24W	Carroll			x	x			B			
Trib. to Mud Cr.	C	0.8	Mouth	12,55N,26W	Caldwell			x	x			B			
Trib. to Mud Cr.	C	2.0	Mouth	24,55N,26W	Caldwell			x	x			B			
Trib. to Mud Cr.	C	1.0	Mouth	12,55N,26W	Caldwell			x	x			B			
Trib. to Muddy Cr.	C	1.7	Mouth	10,46N,21W	Pettis			x	x			B	x		
Trib. to Muddy Cr.	C	1.9	Mouth	06,45N,22W	Pettis			x	x			B			
Trib. to Muddy Cr.	C	1.1	Mouth	32,46N,22W	Pettis			x	x			B			
Trib. to Muddy Cr.	C	1.0	Mouth	04,45N,22W	Pettis			x	x			B			
Trib. to Muddy Cr.	C	2.5	Mouth	24,46N,23W	Pettis			x	x			B			
Trib. to Muddy Cr.	C	2.0	Mouth	29,60N,22W	Grundy			x	x			B			
Trib. to Murphy Cr.	C	0.5	Mouth	4,36N,14W	Camden			x	x			B			
Trib. to Murphy Cr.	C	1.0	Mouth	34,37N,14W	Camden			x	x			B			
Trib. To N. Br. Wilson Cr.	C	1.3	16,29N,22W	10,29N,22W	Greene			x	x			B			
Trib. to N. Fk. Cuivre R.	C	2.0	Mouth	25,51N,2W	Lincoln			x	x			B			
Trib. to N. Fk. Spring R.	C	5.3	Mouth	31,33N,30W	Barton			x	x			B			
Trib. to N. Fk. White R.	C	1.2	Mouth	34,23N,12W	Ozark			x	x			B			
Trib. to N. Indian Cr.	P	1.3	Mouth	19,24N,30W	Newton			x	x			B			
Trib. to N. Moreau Cr.	C	0.8	Mouth	23,44N,13W	Cole			x	x			B			
Trib. to N. Moreau Cr.	C	0.5	Mouth	8,44N,13W	Cole			x	x			B			
Trib. to N. Moreau Cr.	C	2.4	Mouth	33,45N,15W	Moniteau			x	x						
Trib. to N. Moreau Cr.	C	0.5	Mouth	4,44N,15W	Moniteau			x	x			B			
Trib. to N. Moreau Cr.	C	2.0	Mouth	2,44N,16W	Moniteau			x	x			B			
Trib. to N. Moreau Cr.	C	2.0	Mouth	12,44N,16W	Moniteau			x	x			B			
Trib. to N. Moreau Cr.	C	2.0	Mouth	18,44N,15W	Moniteau			x	x			B			
Trib. to Niangua R.	C	1.2	Mouth	17,37N,17W	Camden			x	x			B			
Trib. to Nichols Cr.	C	1.3	Mouth	29,61N,37W	Holt			x	x			B			
Trib. To Nodaway R.	C	1.0	Mouth	13,60N,37W	Andrew			x	x			B			
Trib. to North Cut Ditch	C	2.0	Mouth	36,29N,14E	Scott		x	x	x			B			
Trib. to North Cut Ditch	C	4.0	Mouth	34,27N,14E	Scott		x	x	x			B			
Trib. to Old Town Br.	C	1.7	Mouth	01,36N,31W	Vernon			x	x			B			
Trib. to Omete Cr.	C	1.3	Mouth	16,35N,12E	Perry			x	x			B			
Trib. to Osage Fk.	P	3.0	Mouth	29,30N,17W	Webster			x	x			B			
Trib. to Osage R.	C	2.0	Mouth	9,43N,10W	Cole			x	x			B			
Trib. to Osage R.	C	0.8	Mouth	9,42N,12W	Cole			x	x			B			
Trib. to Panther Cr.	C	2.4	Mouth	23,57N,26W	Caldwell			x	x			B			
Trib. to Peno Cr.	C	1.0	19,55N,3W	30,55N,3W	Pike			x	x			B			
Trib. to Perche Cr.	C	2.0	Mouth	5,47N,13W	Boone			x	x				x		
Trib. to Perkins Cr.	C	2.0	Mouth	25,30N,8E	Bollinger			x	x			B			
Trib. to Pierce Cr.	C	0.9	Mouth	31,41N,02E	Franklin			x	x			B			
Trib. to Pierce Cr.	C	1.0	Mouth	06,40N,02E	Franklin			x	x			B			
Trib. to Pippin Br.	C	1.5	Mouth	29,37N,20W	Hickory			x	x			B			
Trib. to Pippin Br.	C	0.5	Mouth	26,37N,20W	Hickory			x	x			B			
Trib. to Plattin Cr.	P	1.0	Mouth	13,39N,5E	Jefferson			x	x			B			
Trib. to Pond Cr.	C	1.9	35,38N,3E	11,37N,3E	Washington			x	x			B			
Trib. to Pond Cr.	C	1.0	Mouth	15,29N,8E	Bollinger			x	x			B			
Trib. to Possum Hollow	P	0.5	Mouth	22,27N,7E	Wayne			x	x			B			
Trib. to Possum Hollow	C	0.5	22,27N,7E	15,27N,7E	Wayne			x	x			B			
Trib. to Prairie Cr.	C	1.0	Mouth	24,52N,35W	Platte			x	x			B			

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Trib. to Province Br.	C	1.0	Mouth	3,29N,25W	Lawrence			x	x			B			
Trib. to Pruett Cr.	C	1.0	Mouth	21,38N,5W	Crawford			x	x			B			
Trib. to Puncheon Cr.	C	1.5	Mouth	30,44N,5W	Gasconade			x	x			B			
Trib. to Pyatt Hollow	C	1.5	Mouth	24,36N,3W	Crawford			x	x			B			
Trib. to Raccoon Cr.	C	1.0	Mouth	9,61N,25W	Grundy			x	x			B			
Trib. to Red Oak Cr.	P	0.5	Mouth	35,42N,05W	Gasconade			x	x			B			
Trib. to Red Oak Cr.	C	1.9	35,42N,05W	27,42N,05W	Gasconade			x	x						
Trib. to Rings Cr.	C	1.0	Mouth	14,29N,4E	Wayne			x	x			B			
Trib. to Rings Cr.	C	0.5	Mouth	26,29N,4E	Wayne			x	x			B			
Trib. to Rockhouse Cr.	C	3.0	Mouth	34,23N,26W	Barry			x	x						
Trib. to S. Fk. Apple Cr.	C	0.8	Mouth	33,34N,10E	Perry			x	x			B			
Trib. to S. Fk. Blackwater R.	C	1.3	Mouth	3,46N,23W	Pettis			x	x			B			
Trib. to S. Fk. Blackwater R.	C	3.9	Mouth	18,46N,28W	Johnson			x	x			B			
Trib. to S. Fk. Brush Cr.	C	1.7	Mouth	33,35N,24W	Polk			x	x			B			
Trib. to S. Fk. N. Fabius R.	C	4.1	Mouth	30,67N,14W	Schuyler			x	x			B			
Trib. to S. Fk. Saline Cr.	P	2.0	Mouth	3,34N,9E	Perry			x	x			B			
Trib. to S. Fk. Salt R.	C	0.5	Mouth	35,52N,9W	Audrain			x	x			B			
Trib. to S. Fk. Spring R.	P	1.0	Mouth	34,22N,8W	Howell			x	x			B			
Trib. to S. Fk. Weaubleau Cr.	C	7.0	Mouth	25,36N,24W	St. Clair	Hickory		x	x			B			
Trib. to S. Flat Cr.	C	2.4	Mouth	24,43N,22W	Benton			x	x			B			
Trib. to S. Flat Cr.	C	1.1	Mouth	03,43N,21W	Pettis			x	x			B			
Trib. to S. Moreau Cr.	C	1.5	Mouth	28,43N,15W	Moniteau			x	x			B			
Trib. to S. Moreau Cr.	P	0.8	Mouth	31,43N,15W	Moniteau			x	x			B			
Trib. to S. Moreau Cr.	C	1.5	31,43N,15W	25,43N,16W	Moniteau			x	x			B			
Trib. to S. Moreau Cr.	C	0.7	Mouth	25,43N,14W	Cole			x	x			B			
Trib. to S. Moreau Cr.	C	0.5	Mouth	24,43N,13W	Cole			x	x			B			
Trib. to S. Moreau Cr.	C	1.5	Mouth	29,42N,15W	Miller			x	x						
Trib. to Salt Cr.	C	1.3	Mouth	17,38N,26W	St. Clair			x	x			B			
Trib. to Sandy Cr.	P	0.1	Mouth	33,42N,04E	Jefferson			x	x			B			
Trib. to Sandy Cr.	P	0.2	Mouth	32,42N,04E	Jefferson			x	x			B			
Trib. to Schawanee Spr. Br.	C	1.2	Mouth	33,35N,11E	Perry			x	x			B			
Trib. to Sellars Cr.	C	1.0	Mouth	6,36N,14W	Camden			x	x			B			
Trib. to Shaver Cr.	C	0.9	Mouth	28,46N,20W	Pettis			x	x			B			
Trib. to Shaver Cr.	C	1.3	Mouth	14,46N,20W	Pettis			x	x			B			
Trib. to Shaver Cr.	C	1.1	Mouth	06,45N,20W	Pettis			x	x			B			
Trib. to Shibboleth Cr.	C	1.3	Mouth	9,38N,3E	Washington			x	x				x		
Trib. to Shoal Cr.	C	1.0	Mouth	34,37N,2W	Crawford			x	x			B			
Trib. to Shoal Cr.	C	0.5	Mouth	34,37N,2W	Crawford			x	x			B			
Trib. to Shoal Cr.	P	1.0	Mouth	10,26N,32W	Newton			x	x			B			
Trib. to Silver Fk.	C	1.5	Mouth	19,51N,11W	Boone			x	x			B			
Trib. to Silver Fk.	C	1.0	Mouth	28,50N,13W	Boone			x	x			B			
Trib. to Spring Cr.	P	1.0	Mouth	18,26N,23W	Stone			x	x			B			
Trib. to Spring Cr.	C	1.1	Mouth	14,38N,08W	Phelps			x	x			B			
Trib. to Spring Cr.	P	0.8	14,38N,08W	10,38N,08W	Phelps			x	x			B			
Trib. to Spring Cr.	C	0.7	Mouth	26,35N,10W	Phelps			x	x			B			
Trib. to Spring Fk.	C	2.5	Mouth	02,43N,21W	Pettis	Benton		x	x			B			
Trib. to Spring Fk.	C	0.7	Mouth	36,44N,21W	Pettis			x	x			B			
Trib. to Spring R.	C	5.0	Mouth	23,29N,33W	Jasper			x	x			B			

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Trib. to Spring R.	C	2.7	Mouth	1,28N,28W	Lawrence			x	x			B			
Trib. to Spring R.	C	1.0	16,28N,28W	15,28N,28W	Lawrence			x	x			B			
Trib. to Spring R.	P	2.8	Mouth	5,28N,28W	Lawrence			x	x			B			
Trib. to St. Francis R.	C	1.0	Mouth	9,35N,4E	St. Francois			x	x			B			
Trib. to St. Francis R.	C	1.0	Mouth	33,31N,5E	Madison			x	x			B			
Trib. to St. John's Cr.	C	1.5	Mouth	18,43N,2W	Franklin			x	x			B			
Trib. to Stahl Cr.	C	2.6	Mouth	22,29N,27W	Lawrence			x	x			B			
Trib. to Starks Cr.	C	0.8	Mouth	19,37N,20W	Hickory			x	x			B			
Trib. to Starks Cr.	C	1.1	Mouth	29,38N,20W	Hickory			x	x			B			
Trib. to Starks Cr.	C	0.5	Mouth	18,37N,20W	Hickory			x	x			B			
Trib. to Starks Cr.	C	1.9	Mouth	18,38N,20W	Hickory			x	x			B			
Trib. to Starks Cr.	C	1.0	Mouth	02,37N,21W	Hickory			x	x			B			
Trib. to Stockton Br.	C	2.0	Mouth	6,34N,26W	Cedar			x	x			B			
Trib. to Stouts Cr.	C	0.5	Mouth	6,33N,5E	Madison			x	x			B			
Trib. to Stouts Cr.	C	1.0	Mouth	6,33N,5E	Madison			x	x			B			
Trib. to Stouts Cr.	C	1.3	Mouth	36,34N,03E	Iron			x	x			B			
Trib. to Strobel Br.	C	0.5	Mouth	1,44N,14W	Cole			x	x			B			
Trib. to Strobel Br.	C	0.5	Mouth	36,45N,14W	Cole			x	x			B	x		
Trib. to Sweetwater Br.	C	1.0	Mouth	19,34N,7E	Madison			x	x			B			
Trib. to Tater Hill Cr.	C	2.0	Mouth	22,55N,24W	Carroll			x	x			B			
Trib. to Tavern Cr.	C	0.1	Mouth	01,44N,02E	Franklin			x	x			B			
Trib. to Third Cr.	C	1.0	Mouth	5,42N,6W	Gasconade			x	x			B			
Trib. to Third Cr.	C	0.7	Mouth	6,42N,6W	Gasconade			x	x			B			
Trib. to Thomas Cr.	C	0.5	Mouth	26,36N,20W	Dallas			x	x			B			
Trib. to Trib. M. Fk. Tebo Cr.	C	1.3	Mouth	36,44N,25W	Henry			x	x			B			
Trib. to Trib. to Wolf Cr.	C	0.8	Mouth	32,36N,6E	St. Francois			x	x			B			
Trib. To trib. to Flat Cr.	C	2.1	Mouth	13,45N,20W	Pettis			x	x			B			
Trib. to trib. to Heaths Cr.	C	1.5	Mouth	27,47N,22W	Pettis			x	x			B			
Trib. to Trib. to Weaubleau Cr.	C	0.8	Mouth	15,36N,23W	Hickory			x	x			B			
Trib. to Turkey Cr.	C	2.2	Mouth	2,31N,24W	Polk			x	x			B			
Trib. to Turkey Cr.	C	0.3	Mouth	09,38N,21W	Hickory			x	x			B			
Trib. to Turkey Cr.	C	2.4	Mouth	14,38N,21W	Hickory			x	x			B			
Trib. to Turkey Cr.	C	1.0	Mouth	23,38N,21W	Hickory			x	x			B			
Trib. to Turkey Cr.	C	0.5	Mouth	20,47N,21W	Pettis			x	x			B			
Trib. to Turkey Cr.	C	1.7	Mouth	33,39N,21W	Benton			x	x			B			
Trib. to Turkey Cr.	C	1.0	Mouth	29,57N,26W	Caldwell			x	x			B			
Trib. to Turkey Cr.	C	0.5	Mouth	17,59N,16W	Macon			x	x			B			
Trib. to Turnback Cr.	P	1.0	Mouth	24,29N,26W	Lawrence			x	x			B			
Trib. to Twelve Mile Cr.	C	1.0	Mouth	6,31N,7E	Madison			x	x			B			
Trib. to Unnamed trib to Atwell Cr.	C	0.6	Mouth	07,38N,11W	Maries			x	x			B			
Trib. to W. Fk. Clear Cr.	C	0.8	Mouth	35,36N,30W	Vernon			x	x			B			
Trib. to W. Fk. Finney Cr.	C	0.8	Mouth	7,49N,21W	Saline			x	x			B			
Trib. to W. Fk. Lost Cr.	C	0.5	Mouth	13,28N,6E	Wayne			x	x			B			
Trib. to W. Fk. Lost Cr.	C	2.8	Mouth	Maysville Lake	Dekalb			x	x			B	x		
Trib. to W. Fk. Lost Cr.	C	2.6	Mouth	9,58N,31W	Dekalb			x	x			B			
Trib. to W. Fk. Niangua R.	P	1.5	Mouth	19,31N,18W	Webster			x	x			B			
Trib. to W. Fk. Post oak Cr.	C	1.4	Mouth	36,45N,27W	Johnson			x	x			B			
Trib. to W. Fk. Roubidoux Cr.	C	2.2	Mouth	33,31N,11W	Texas			x	x			B			

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Trib. to W. Mill Cr.	C	0.8	Mouth	19,37N,3E	Washington			x	x						
Trib. to W. Muddy Cr.	P	0.5	Mouth	31,64N,24W	Mercer			x	x			B			
Trib. to Wade Cr.	C	2.0	Mouth	33,44N,25W	Henry			x	x			B			
Trib. to Wallace Cr.	P	1.8	Mouth	07,40N,06W	Gasconade			x	x			B			
Trib. to Wallen Cr.	P	1.0	Mouth	4,36N,3E	Washington			x	x			B			
Trib. to Wallen Cr.	C	1.5	4,36N,3E	32,37N,3E	Washington			x	x			B			
Trib. to Watery Fk.	C	1.0	Mouth	5,34N,4W	Dent			x	x			B			
Trib. to Weaubleau Cr.	C	0.8	Mouth	19,36N,23W	Hickory			x	x			B			
Trib. to Weaubleau Cr.	C	0.5	Mouth	3,35N,23W	Hickory			x	x			B			
Trib. to Weaubleau Cr.	C	1.3	Mouth	02,35N,23W	Hickory			x	x			B			
Trib. to Weaubleau Cr.	C	1.3	Mouth	26,36N,23W	Hickory			x	x			B			
Trib. to Weaubleau Cr.	C	1.5	Mouth	23,36N,23W	Hickory			x	x			B			
Trib. to Weidensaul Holl.	C	1.0	Mouth	35,23N,13W	Ozark			x	x			B			
Trib. to White Oak Cr.	C	0.5	Mouth	25,42N,13W	Cole			x	x			B			
Trib. to White Oak Cr.	C	6.3	Mouth	24,29N,28W	Lawrence			x	x			B			
Trib. to Whitewater R.	C	1.7	Mouth	3,30N,11E	Cape Girardeau			x	x			B			
Trib. to Whittenburg Cr.	C	1.0	Mouth	12,37N,4W	Crawford			x	x			B			
Trib. to Wildcat Cr.	C	2.0	Mouth	30,63N,32W	Gentry			x	x			B			
Trib. to Wildcat Cr.	C	2.0	Mouth	32,63N,33W	Nodaway			x	x						
Trib. to Williams Cr.	P	1.0	Mouth	Sur	Cape Girardeau			x	x			B			
Trib. to Willow Fk.	C	0.5	Mouth	256,30N,13E 27,45N,17W	Moniteau			x	x						
Trib. to Wolf Cr.	P	1.1	Mouth	32,36N,6E	St. Francois			x	x			B			
Trib. to Wolf Cr.	C	1.5	32,36N,6E	Sur 349,36N,6E	St. Francois			x	x			B			
Trib. to Workman Cr.	P	0.5	Mouth	13,45N,13W	Cole			x	x			B			
Trib. to Yadkin Cr.	C	3.7	Mouth	12,37N,5W	Crawford			x	x			B			
Trib. to Yellow Cr.	C	1.0	Mouth	32,38N,26W	St. Clair			x	x			B			
Trinity Hollow	P	1.6	Mouth	13,38N,23W	Benton	Hickory		x	x			B			
Troesser Cr.	C	0.7	Mouth	18,44N,8W	Osage			x	x			B			
Troublesome Cr.	P	4.8	Mouth	15,59N,7W	Marion			x	x			B		x	
Troublesome Cr.	C	41.3	15,59N,7W	5,61N,10W	Marion	Knox		x	x			B	x		
Truitt Cr.	P	1.5	Mouth	23,28N,27W	Lawrence			x	x			B			
Truitt Cr.	C	6.4	23,28N,27W	32,29N,26W	Lawrence			x	x						
Tub Cr.	C	1.0	Mouth	31,56N,28W	Caldwell			x	x			B			
Tunas Br.	C	2.7	Mouth	33,36N,19W	Dallas			x	x			B			
Tuque Cr.	P	5.4	Mouth	16,45N,1W	Warren			x	x			B	x		
Tuque Cr.	C	2.3	16,45N,1W	3,45N,1W	Warren			x	x			B			
Turkey Cr.	P	17.9	Mouth	05,38N,21W	Benton			x	x	x		B			
Turkey Cr.	C	15.9	Mouth	21,35N,25W	St. Clair	Cedar		x	x			A			
Turkey Cr.	P	6.0	Mouth	27,32N,24W	Polk			x	x			B			
Turkey Cr.	C	3.3	Mouth	3,53N,10W	Monroe			x	x			B			
Turkey Cr.	P	2.0	Mouth	32,33N,14E	Cape Girardeau			x	x			B			
Turkey Cr.	C	2.2	32,33N,14E	36,33N,13E	Cape Girardeau			x	x			B			
Turkey Cr.	C	1.5	Mouth	21,49N,2W	Lincoln			x	x			B	x		
Turkey Cr.	C	1.4	Mouth	Sur	Washington			x	x			B			
Turkey Cr.	C	9.9	Mouth	3022,40N,2E	Ozark			x	x			B			
Turkey Cr.	P	2.6	Mouth	16,22N,21W	Taney			x	x		x	B	x		
Turkey Cr.	C	4.0	16,22N,21W	4,21N,21W	Taney			x	x			B			
Turkey Cr.	C	2.6	Mouth	22,22N,16W	Ozark			x	x			B			
Turkey Cr.	C	1.5	Mouth	9,26N,15W	Douglas			x	x			B			
Turkey Cr.	C	4.5	Mouth	36,34N,5E	Madison			x	x			B			
Turkey Cr.	C	3.1	Mouth	34,27N,8E	Stoddard			x	x			B	x		

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Turkey Cr.	P	7.7	State Line	35,28N,33W	Jasper		x	x				B			
Turkey Cr.	P	6.1	35,28N,33W	9,27N,32W	Jasper		x	x				A			
Turkey Cr.	P	2.4	Mouth	Hwy. 47	St. Francois		x	x				B			
Turkey Cr.	P	4.7	Mouth	14,53N,25W	Carroll		x	x				B			
Turkey Cr.	C	3.5	14,53N,25W	34,54N,25W	Carroll		x	x				B			
Turkey Cr.	C	5.8	05,38N,21W	22,38N,21W	Benton	Hickory	x	x				B			
Turkey Cr.	C	1.8	Mouth	26,62N,33W	Gentry		x	x				B			
Turkey Cr.	C	2.5	Mouth	33,57N,26W	Caldwell		x	x				B			
Turkey Cr.	C	14.4	Mouth	Hwy. 36	Chariton	Linn	x	x				B			
Turkey Cr.	C	3.5	Mouth	12,66N,17W	Putnam		x	x				B			
Turkey Cr.	C	2.4	Mouth	17,59N,16W	Macon		x	x				B			
Turkey Cr.	C	3.3	Mouth	3,44N,11W	Callaway		x	x				B			
Turkey Cr.	C	6.3	Mouth	14,47N,12W	Boone		x	x				A			
Turkey Cr.	C	2.9	Mouth	20,47N,21W	Pettis		x	x				B			
Turkey Cr.	C	1.7	Mouth	Sur 3243(3), 55N,5W	Ralls		x	x				B			
Turkey Cr.	P	1.0	Mouth	32,34N,8E	Madison		x	x				B			
Turkey Cr.	P	7.3	Mouth	21,30N,7E	Wayne		x	x				B			
Turnback Cr.	P	16.0	Mouth	35,30N,26W	Dade		x	x				A			
Turnback Cr.	P	19.9	35,30N,26W	24,28N,25W	Dade	Lawrence	x	x			x	A		x	
Turnbo Cr.	P	6.8	Mouth	16,30N,18W	Webster		x	x				B			
Turner Cr.	P	4.5	Mouth	33,29N,20W	Greene		x	x				B			
Turtle Spr. Br.	C	3.3	Mouth	23,45N,14W	Moniteau		x	x				B			
Twelve Mile Cr.	P	8.4	Mouth	12,31N,6E	Madison		x	x		x		A			
Twelve Mile Cr.	C	6.8	12,31N,6E	17,32N,7E	Madison		x	x		x		B		x	
Twomile Cr.	C	2.6	Mouth	28,36N,32W	Vernon		x	x				B			
Tyler Br.	C	1.7	36,35N,10E	34,35N,10E	Perry		x	x				B			
Tyrey Cr.	P	0.8	12,40N,02E	11,40N,02E	Jefferson		x	x				B			
Upper Peavine Cr.	C	2.2	Mouth	15,40N,7W	Maries		x	x				B			
Van Meter Ditch	C	4.5	24,52N,22W	4,51N,22W	Saline		x	x				B			
Vance Br.	C	0.5	Mouth	05,39N,22W	Benton		x	x				B			
Varney R. Ditch	P	14.0	12,17N,7E	34,19N,9E	Dunklin		x	x				B			
Varney R. Ditch	C	10.0	34,19N,9E	35,20N,9E	Dunklin		x	x				B			
Village Cr.	P	1.9	Mouth		Madison		x	x				B			
				3323,33N,7E											
Village Cr.	C	3.0	Sur	34,34N,7E	Madison		x	x				B			
			3323,33N,7E												
Virgin Cr.	C	1.2	Mouth	15,29N,9E	Bollinger		x	x				B			
W. Br. Clark Fk.	C	4.0	Mouth	8,47N,16W	Cooper		x	x				B			
W. Br. Crawford Cr.	C	14.7	Mouth	21,47N,30W	Jackson		x	x				B			
W. Br. Mill Cr.	C	1.8	8,37N,3E	18,37N,3E	Washington		x	x				B			
W. Br. Mill Cr.	C	1.0	18,37N,3E	19,37N,3E	Washington		x	x				B			
W. Cow Cr.	C	4.4	Mouth	11,51N,21W	Saline		x	x				B			
W. Elk Fk.	C	2.5	Mouth	05,44N,23W	Pettis		x	x				B			
W. Fk. Bear Cr.	P	2.8	Mouth	9,29N,6E	Wayne		x	x				B			
W. Fk. Bear Cr.	C	1.0	9,29N,6E	8,29N,6E	Wayne		x	x				B			
W. Fk. Bee Br.	C	6.5	Mouth	21,56N,17W	Chariton		x	x				B			
W. Fk. Benton Cr.	C	2.5	Mouth	7,36N,5W	Crawford		x	x				B			
W. Fk. Big Cr.	C	3.0	Mouth	3,22N,17W	Taney		x	x				B			
W. Fk. Big Cr.	P	18.0	9,63N,28W	34,65N,28W	Harrison		x	x				B			
W. Fk. Big Cr.	C	14.0	34,65N,28W	22,66N,28W	Harrison		x	x				B			

IRR-Irrigation	CLF-Cool Water Fishery	SCR-Secondary Contact Recreation
LWW-Livestock & Wildlife Watering	CDF-Cold Water Fishery	DWS-Drinking Water Supply
AQL-Protection of Warm Water Aquatic Life and Human Health-Fish Consumption	WBC-Whole Body Contact Recreation	IND-Industrial

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
W. Fk. Big Cr.	P	1.4	Mouth	31,31N,7E	Madison			x	x			B			
W. Fk. Big Cr.	C	1.5	31,31N,7E	36,31N,6E	Madison			x	x			B			
W. Fk. Black R.	P	32.3	Mouth	25, 33N,03W	Reynolds			x	x	x		A			
W. Fk. Black R.	C	0.5	25,32N,3W	26,32N,3W	Reynolds			x	x			B			
W. Fk. Bull Cr.	C	4.0	Mouth	8,26N,20W	Christian			x	x			B			
W. Fk. Clear Cr.	C	14.0	Mouth	17,35N,30W	Vernon			x	x			B			
W. Fk. Crooked R.	P	6.6	Mouth	19,52N,27W	Ray		x	x	x			B			
W. Fk. Crooked R.	C	9.8	19,52N,27W	18,52N,28W	Ray			x	x			B			
W. Fk. Cuivre R.	P	42.4	11,49N,1W	Pike Co. Line	Lincoln	Montgomery		x	x			A			
W. Fk. Cuivre R.	C	23.9	6,50N,4W	14,51N,7W	Pike	Audrain		x	x			B			
W. Fk. Dry Wood Cr.	C	8.1	Mouth	State Line	Vernon			x	x			B			
W. Fk. East Cr.	C	4.8	Mouth	26,46N,33W	Cass			x	x			B			
W. Fk. Finney Cr.	C	4.0	20,49N,21W	6,49N,21W	Saline			x	x			B			
W. Fk. Fourche Cr.	P	9.7	Mouth	15,22N,1W	Ripley			x	x	x		B			
W. Fk. Fourche Cr.	C	2.0	15,22N,1W	8,22N,1W	Ripley			x	x	x		B			
W. Fk. Huzzah Cr.	P	5.5	1,34N,3W	22,34N,3W	Dent			x	x			A			
W. Fk. Huzzah Cr.	C	2.0	22,34N,3W	28,34N,3W	Dent			x	x			B			
W. Fk. Jones Cr.	P	0.7	Mouth	16,41N,03E	Jefferson			x	x			B			
W. Fk. Limestone Cr.	C	3.2	Mouth	10,30N,27W	Dade			x	x			B			
W. Fk. Locust Cr.	C	17.0	Hwy. 6	33,64N,21W	Sullivan			x	x						
W. Fk. Lost Cr.	P	4.4	Mouth	25,28N,7E	Wayne			x	x			B			
W. Fk. Lost Cr.	C	4.2	25,28N,6E	16,28N,6E	Wayne			x	x			B			
W. Fk. Lost Cr.	C	11.7	Mouth	27,58N,31W	Dekalb			x	x			B			
W. Fk. Medicine Cr.	C	5.5	Mouth	35,67N,22W	Putnam			x	x			B			
W. Fk. Niangua R.	P	7.0	33,32N,18W	33,31N,18W	Webster			x	x			B			
W. Fk. Post Oak Cr.	C	12.8	Mouth	22,45N,27W	Johnson			x	x			B	x		
W. Fk. Roark Cr.	C	3.5	15,23N,22W	7,23N,22W	Taney	Stone	x	x	x			B			
W. Fk. Roubidoux Cr.	P	3.0	4,31N,11W	17,31N,11W	Texas			x	x			B			
W. Fk. Roubidoux Cr.	C	2.0	17,31N,11W	30,31N,11W	Texas			x	x			B			
W. Fk. Sni-a-bar Cr.	P	9.0	Mouth	Lk Lotawana Dam	Jackson			x	x			B			
W. Fk. Spring Cr.	P	2.5	Mouth	31,22N,8W	Howell			x	x			B			
W. Fk. Spring R.	C	8.7	31,22N,8W	10,22N,9W	Howell			x	x			B			
W. Fk. Tebo Cr.	C	6.8	Mouth	Hwy. 52	Henry			x	x			B			
W. Fk. Wakenda Cr.	P	3.3	Mouth	6,52N,25W	Carroll			x	x			B			
W. Fk. Wakenda Cr.	C	7.8	6,52N,25W	20,53N,26W	Ray			x	x			B			
W. High Cr.	C	2.8	Mouth	10,66N,41W	Atchison		x	x	x			B			
W. Honey Cr.	C	14.0	Mouth	34,65N,23W	Grundy	Mercer		x	x			B	x		
W. Locust Cr.	P	17.0	Mouth	25,62N,21W	Linn	Sullivan		x	x			B			
W. Muddy Cr.	P	8.0	Mouth	6,63N,24W	Grundy	Mercer		x	x			B			
W. Muddy Cr.	C	8.5	6,63N,24W	31,65N,24W	Mercer			x	x			B			
W. Piney Cr.	P	13.1	Mouth	33,30N,11W	Texas			x	x			B			
W. Piney Cr.	C	2.0	33,30N,11W	5,29N,11W	Texas			x	x			B			
W. Tarkio Cr.	P	1.2	Mouth	14,65N,40W	Atchison		x	x	x			B		x	
W. Tarkio Cr.	C	9.6	14,65N,40W	State Line	Atchison		x	x	x			B			
W. Yellow Cr.	C	17.2	14,61N,19W	14,63N,19W	Sullivan			x	x			B		x	
Wachita Cr.	C	0.5	Mouth	28,34N,5E	Madison			x	x			B			
Wade Cr.	C	5.4	Mouth	9,43N,25W	Henry			x	x			B			
Wakenda Cr.	P	29.2	Mouth	4,52N,25W	Carroll			x	x			B			
Wakenda Cr.	C	10.6	4,52N,25W	33,54N,26W	Carroll			x	x			B			
Walkers Slough	PI	1.6	Mouth	6,57N,4W	Marion			x	x			B			
Walkers Slough	C	3.5	6,57N,4W	24,58N,5W	Marion			x	x			B			

IRR-LWW AQL CLF CDF WBC SCR DWS IND

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Wallace Cr.	P	3.3	Mouth	05,40N,06W	Gasconade			x	x			B			
Wallace Cr.	C	1.9	05,40N,06W	07,40N,06W	Gasconade			x	x			B			
Wallen Cr.	P	1.4	Mouth	9,36N,3E	Washington			x	x			B			
Wallen Cr.	C	3.0	9,36N,3E	6,36N,3E	Washington			x	x			B	x		
Wallen Cr.	C	1.1	Mouth	27,36N,3E	Washington			x	x			B			
Walnut Br.	C	2.7	Mouth	12,45N,23W	Pettis			x	x			B			
Walnut Cr.	C	10.1	Mouth	28,39N,33W	Bates			x	x			B			
Walnut Cr.	P	2.3	Mouth	17,36N,28W	St. Clair	Cedar		x	x			B			
Walnut Cr.	C	3.6	25,45N,21W	2,44N,21W	Pettis			x	x			B			
Walnut Cr.	C	2.3	Mouth	03,34N,30W	Vernon			x	x			B			
Walnut Cr.	C	15.7	Mouth	2,61N,17W	Macon	Adair		x	x			B			
Walnut Cr.	C	3.5	Mouth	20,55N,14W	Randolph			x	x				x		
Walnut Cr.	P	1.3	Mouth	25,45N,21W	Pettis			x	x			B			
Walnut Cr.	C	2.7	Mouth	27,47N,26W	Johnson			x	x			B			
Walnut Cr.	C	11.9	Mouth	14,46N,24W	Johnson			x	x			B	x		
Walnut Fk.	C	4.3	Mouth	22,62N,32W	Gentry			x	x			B			
Wamsley Cr.	C	1.7	Mouth	27,58N,30W	Dekalb			x	x				x		
Ward Br.	P	3.3	Mouth	13,28N,22W	Greene			x	x			B			
Wardens Br.	C	1.0	Mouth	18,46N,5W	Montgomery			x	x			B			
Warm Fk. Spring R.	P	13.8	State Line	25,23N,06W	Oregon		x	x	x			A	x		
Warm Fk. Spring R.	C	9.4	25,23N,06W	8,23N,6W	Oregon			x	x			B			
Warren Br.	P	1.5	State Line	36,26N,34W	Newton			x	x			B			
Warren Br.	C	1.5	36,26N,34W	29,26N,33W	Newton			x	x			B			
Wash Cr.	P	1.2	Mouth	27,32N,8E	Madison			x	x			B			
Wash Cr.	C	0.5	27,32N,8E	26,32N,8E	Madison			x	x			B			
Watery Fk.	P	5.8	Mouth	12,34N,4W	Dent			x	x			B			
Watkins Cr.	C	1.4	Mouth	Hwy. 270	St. Louis City	St. Louis		x	x			B			
Watson Br.	C	1.0	Mouth	20,39N,1E	Washington			x	x			B			
Weaubleau Cr.	P	30.7	Mouth	03,35N,23W	St. Clair	Hickory		x	x			A	x		
Web Cr.	P	4.7	Mouth	5,28N,2E	Reynolds			x	x			B			
Web Valley	P	3.0	Mouth	11,28N,2E	Reynolds			x	x			B			
Weidensaul Hollow	C	3.0	Mouth	26,23N,13W	Ozark			x	x			B			
Weldon Br.	C	4.4	Mouth	8,63N,30W	Gentry			x	x			B			
Weldon R.	P	43.4	Mouth	State Line	Grundy	Mercer		x	x			B			
West Ditch	P	10.5	31,18N,10E	8,19N,10E	Dunklin			x	x			B			
West Elm Br.	P	1.1	Mouth	29,33N,33W	Barton			x	x			B			
West Fk.	P	1.0	Mouth	7,34N,23W	Polk			x	x			B			
West Fk.	C	3.0	Mouth	14,38N,5E	Jefferson	St. Francois		x	x			B			
West Fk.	C	6.8	Mouth	8,31N,31W	Barton			x	x			B			
West Prong Indian Cr.	C	2.0	6,25N,7E	36,26N,6E	Butler			x	x			B			
Wet Fk.	C	1.5	Mouth	5,28N,5E	Wayne			x	x			B			
Wet Fk.	P	2.4	Mouth	29,27N,6E	Wayne			x	x			B			
Wet Glaize Cr.	P	9.6	24,38N,15W	20,37N,14W	Camden			x	x			A	x		
Wheeler Cr.	C	2.4	Mouth	31,58N,30W	Dekalb			x	x			B			
Whetstone Cr.	P	12.2	Mouth	21,29N,13W	Wright			x	x	x		B			
Whetstone Cr.	P	1.5	Mouth	7,48N,6W	Montgomery			x	x			B			
Whetstone Cr.	C	10.8	7,48N,6W	1,48N,8W	Callaway			x	x			B			
Whippoorwill Cr.	C	2.3	Mouth	16,47N,5W	Montgomery			x	x			B			
Whisky Cr.	C	1.5	Mouth	18,43N,1W	Franklin			x	x			B			
Whitcomb Br.	C	2.5	Mouth	36,49N,1W	Lincoln			x	x			B			
White Br.	C	3.4	Mouth	32,36N,31W	Vernon			x	x			B			

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TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
White Cloud Cr.	P	13.2	Mouth	24,63N,36W	Andrew	Nodaway		x	x			B			
White Cloud Cr.	C	12.8	24,63N,36W	11,64N,36W	Nodaway			x	x			B			
White Cr.	C	3.5	9,24N,2W	4,24N,2W	Oregon			x	x			B			
White Oak Cr.	C	4.0	Mouth	30,42N,12W	Cole			x	x			B			
White Oak Cr.	C	3.9	Mouth	28,42N,28W	Henry			x	x			B			
White Oak Cr.	C	2.6	Mouth	33,50N,5W	Montgomery			x	x			B			
White Oak Cr.	C	18.0	Mouth	2,29N,28W	Jasper	Lawrence	x	x	x			A			
White Oak Cr.	C	9.0	Mouth	Hwy. 136	Harrison			x	x			B			
White Oak Hollow	C	2.0	Mouth	28,32N,5W	Dent			x	x			B			
Whitener Cr.	P	0.5	Mouth	28,32N,8E	Madison			x	x			B			
Whitener Cr.	C	1.5	28,32N,8E	22,32N,8E	Madison			x	x			B			
Whites Cr.	P	2.0	Mouth	26,39N,2W	Crawford			x	x			B			
Whites Cr.	C	1.0	26,39N,2W	35,39N,2W	Crawford			x	x			B			
Whites Cr.	C	3.0	Mouth	33,26N,15W	Douglas			x	x			B			
Whites Cr.	P	4.5	Mouth	9,24N,2W	Oregon			x	x			B			
Whitewater R.	P	35.0	Mouth	29, 33N,11E	Cape Girardeau			x	x			A			
Whitewater R.	P	18.0	29,33N,11E	29,34N,9E	Bollinger	Perry		x	x		x	A		x	
Whitewater R.	C	5.9	29,34N,9E	10,34N,8E	Perry	St. Francois		x	x			B			
Whitewater R.	P	5.0	31,28N,12E	6,28N,12E	Scott		x	x	x			B			
Whitewater R.	C	5.2	6,28N,12E	18,29N,12E	Scott	Cape Girardeau		x	x			B			
Whittenburg Cr.	P	2.8	Mouth	35,38N,4W	Crawford			x	x		x	B			
Whittenburg Cr.	C	5.0	35,38N,4W	1,37N,4W	Crawford			x	x			B			
Widow Cr.	C	1.6	Mouth	36,26N,5E	Butler			x	x			B			
Wiemer Cr.	P	2.3	11,40N,12W	23,40N,12W	Miller			x	x			B			
Wiemer Cr.	C	4.0	23,40N,12W	2,39N,12W	Miller			x	x			B			
Wieneke Br.	C	1.0	Mouth	9,44N,14W	Moniteau			x	x			B			
Wildcat Cr.	C	4.0	Mouth	3,62N,39W	Holt			x	x			B			
Wildcat Cr.	C	7.4	6,62N,32W	8,63N,33W	Gentry	Nodaway		x	x			B			
Wildcat Cr.	P	6.2	Mouth	6,62N,32W	Gentry			x	x			B			
Wildhorse Cr.	C	3.9	Mouth	29,45N,3E	St. Louis			x	x			B			
Wilkerson Cr.	C	7.3	Mouth	07,52N,32W	Clay			x	x			B		x	
Wilkerson Ditch	C	4.0	9,23N,16E	28,24N,16E	Mississippi			x	x			B			
Williams Cr.	P	5.2	Mouth	11,42N,21W	Benton			x	x		x	B			
Williams Cr.	P	9.8	Mouth	Sur	Cape Girardeau			x	x			B			
Williams Cr.	C	2.0	Sur	202,31N,13E	Cape Girardeau			x	x			B			
Williams Cr.	C	4.7	Mouth	18,27N,5E	Wayne			x	x			B			
Williams Cr.	P	1.0	Mouth	28,28N,27W	Lawrence			x	x		x	A			
Williams Cr.	P	8.5	28,28N,27W	34,28N,26W	Lawrence			x	x			A			
Williams Cr.	C	1.5	34,28N,26W	35,28N,26W	Lawrence			x	x			B			
Williams Cr.	C	3.4	11,42N,21W	05,42N,20W	Benton			x	x			B			
Williams Cr.	P	1.0	Mouth	Sur 880,44N,5E	St. Louis			x	x			B			
Williams Cr.	C	9.1	Mouth	21,53N,30W	Clay			x	x			B			
Willow Br.	C	3.4	Mouth	28,24N,26W	Barry			x	x			B			
Willow Br.	P	2.2	Mouth	2,25N,33W	Newton			x	x			B			
Willow Br.	C	2.1	Mouth	05,37N,31W	Vernon			x	x			B			
Willow Cr.	C	2.2	Mouth	19,23N,10W	Ozark	Howell		x	x			B			
Willow Cr.	C	6.5	Mouth	7,51N,27W	Ray			x	x			B			
Willow Cr.	C	1.0	Mouth	35,61N,32W	Gentry			x	x			B			
Willow Cr.	C	1.5	Mouth	35,55N,26W	Caldwell			x	x			B			
Willow Fk.	P	2.8	4,44N,16W	36,45N,17W	Moniteau			x	x			A			

IRR-Irrigation
LWW-Livestock & Wildlife Watering
AQL-Protection of Warm Water Aquatic Life
and Human Health-Fish Consumption

CLF-Cool Water Fishery
CDF-Cold Water Fishery
WBC-Whole Body Contact Recreation

IRR LWW AQL CLF CDF WBC SCR DWS IND
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial

TABLE H-STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWW	AQL	CLF	CDF	WBC	SCR	DWS	IND
Willow Fk.	C	6.8	36,45N,17W	29,45N,17W	Moniteau		x	x				B			
Wilmore Cr.	C	1.3	Mouth	8,30N,6E	Wayne		x	x				A			
Wilson Br.	C	2.4	Mouth	12,35N,30W	Vernon		x	x				B			
Wilson Run	C	2.5	Mouth	17,24N,23W	Stone		x	x				B			
Wilsons Cr.	P	14.0	Mouth	27,29N,22W	Christian	Greene	x	x				B			
Winigan Cr.	C	7.0	Mouth	5,59N,18W	Linn		x	x				B			
Winn Br.	C	5.0	Mouth	21,57N,13W	Macon		x	x				B			
Wolf Cr.	C	9.3	Mouth	16,28N,15W	Wright		x	x				B	x		
Wolf Cr.	C	3.0	Mouth	14,45N,1W	Warren		x	x				B			
Wolf Cr.	C	4.5	Mouth	18,49N,4W	Montgomery		x	x				B			
Wolf Cr.	C	3.7	Mouth	35,33N,10E	Cape Girardeau	Bollinger	x	x				B	x		
Wolf Cr.	C	2.0	Mouth	35,25N,5E	Butler		x	x				B			
Wolf Cr.	C	8.0	Mouth	28,36N,6E	St. Francois		x	x				B			
Wolf Cr.	C	4.2	Mouth	3,27N,10E	Stoddard		x	x				B			
Wolf Cr.	C	5.2	Mouth	10,27N,08W	Texas	Howell	x	x				B			
Wolf Cr.	C	1.8	Mouth	32,48N,15W	Cooper		x	x				B			
Wolf Hole Lateral	C	9.5	Mouth	29,26N,16E	Mississippi		x	x				B			
Wolf Island Chute	P	11.8	5,24N,18E	11,23N,17E	Mississippi		x	x				B			
Woods Fk.	C	5.5	Mouth	3,25N,21W	Christian		x	x				B			
Woods Fk. Gasconade R.	P	12.4	Mouth	2,29N,16W	Wright		x	x				B			
Woods Fk. Gasconade R.	C	4.0	2,29N,16W	6,29N,16W	Wright	Webster	x	x				B			
Woolly Cr.	C	1.5	Mouth	7,23N,24W	Stone		x	x				B			
Woolsey Cr.	C	3.6	Mouth	8,36N,17W	Camden	Laclede	x	x				B			
Workman Br.	C	1.0	Mouth	15,28N,22W	Greene		x	x				B			
Workman Cr.	P	2.4	Mouth	24,45N,13W	Cole		x	x				B			
Wyaconda R.	P1	8.4	Mouth	15,61N,6W	Lewis		x	x				B	x	x	
Wyaconda R.	P	42.2	15,61N,6W	26,65N,9W	Lewis	Clark	x	x				B	x		
Wyrick Br.	C	1.3	Mouth	10,28N,09W	Texas		x	x				B			
Yadkin Cr.	C	4.0	Mouth	9,37N,4W	Crawford		x	x			x	B			
Yankee Br.	P	1.4	Mouth	10,36N,4W	Crawford		x	x			x	B			
Yankee Br.	C	1.0	10,36N,4W	10,36N,4W	Crawford		x	x				B			
Yantz Br.	C	1.2	Mouth	Sur	Bollinger		x	x				B			
Yeater Br.	C	2.6	Mouth	30,48N,2W	Warren		x	x				B			
Yellow Cr.	C	2.0	Mouth	29,38N,26W	St. Clair		x	x				B			
Yellow Cr.	P	28.0	Mouth	20,56N,19W	Chariton		x	x				B			
Yoga Spring	P	0.8	Mouth	29,30N,07W	Texas		x	x				B			
Youngs Cr.	C	13.4	Mouth	11,52N,10W	Monroe	Audrain	x	x				B			
Youngs Cr.	C	1.9	Mouth	3,46N,9W	Callaway		x	x				B			
Zadie Cr.	C	5.3	Mouth	State Line	Harrison		x	x				B			
Zounds Cr.	C	3.0	Mouth	35,64N,33W	Gentry		x	x				B			

IRR-Irrigation
LWW-Livestock & Wildlife Watering
AQL-Protection of Warm Water Aquatic Life
and Human Health-Fish Consumption

CLF-Cool Water Fishery
CDF-Cold Water Fishery
WBC-Whole Body Contact Recreation

IRR LWW AQL CLF CDF WBC SCR DWS IND
SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial

Table K: Site-Specific Criteria

Parameter:	Dissolved Oxygen	Daily Average Criterion	3.6 mg/L
Waterbody:	East Fork Locust Creek	Daily average dissolved oxygen concentrations shall not fall below 3.6 mg/L between July 1 and September 30 as measured by a minimum of four samples collected within a 24-hour period. All measurements shall be spaced a minimum of 5 hours apart.	
Season:	July – September		
Hydrology:	Baseflow Conditions		
County:	Sullivan	Daily Minimum Criterion	0.9 mg/L
Miles:	29.6	Daily minimum dissolved oxygen concentration shall not fall below 0.9 mg/L between July 1 and September 30 as measured by the average of three samples collected over any consecutive 6-hour period. All measurements shall be spaced a minimum of 1.5 hours apart.	
From:	Mouth		
To:	Section 12, T64N, R20W		

Parameter:	Dissolved Oxygen	Daily Average Criterion	3.6 mg/L
Waterbody:	Little East Fork Locust Creek	Daily average dissolved oxygen concentrations shall not fall below 3.6 mg/L between July 1 and September 30 as measured by a minimum of four samples collected within a 24-hour period. All measurements shall be spaced a minimum of 5 hours apart.	
Season:	July – September		
Hydrology:	Baseflow Conditions		
County:	Sullivan	Daily Minimum Criterion	0.9 mg/L
Miles:	9.0	Daily minimum dissolved oxygen concentration shall not fall below 0.9 mg/L between July 1 and September 30 as measured by the average of three samples collected over any consecutive 6-hour period. All measurements shall be spaced a minimum of 1.5 hours apart.	
From:	Mouth		
To:	Section 12, T64N, R20W		

Parameter:	Dissolved Oxygen	Daily Average Criterion*	4.4 mg/L
Waterbody:	Sni-a-Bar Creek	Daily average dissolved oxygen concentrations shall not fall below 4.4 mg/L between July 1 and September 30 as measured by a minimum of four samples collected within a 24-hour period. All measurements shall be spaced a minimum of 5 hours apart.	
Season:	July – September		
Hydrology:	Baseflow Conditions		
County:	Jackson	Daily Minimum Criterion*	4.0 mg/L
Miles:	5.0	Daily minimum dissolved oxygen concentration shall not fall below 4.0 mg/L between July 1 and September 30.	
From:	Confluence with Horseshoe Creek, Section 21, T49N, R29W		
To:	Entry of tributary carrying discharge from Blue Springs Sni-a-Bar wastewater treatment plant, Section 35, T49N, R30W		
*These criteria shall expire on October 31, 2014. After October 31, 2014, the criteria shall be as stated in Table A.			

Table N: Total Phosphorus Criteria in Tributary Arms of Major Reservoirs

Reservoir	Tributary Arm	Sample Site (dec. deg.)		TP (µg/L)
		Latitude	Longitude	
Ozarks, Lake of the	Grand Glaize	38.11	-92.664	26
	Gravois	38.245	-92.745	26
	Niangua	38.071	-92.822	26
Table Rock Lake	James River	36.678	-93.535	16
	Kings River	36.576	-93.596	18
	Long Creek	36.557	-93.294	12

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 2—Definitions**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-2.015 Definitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 667–671). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment adopts federal definitions found in the Long-Term 2 Enhanced Surface Water Treatment Rule or the Stage 2 Disinfectants/Disinfection By-Products Rule. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 4—Contaminant Levels and Monitoring**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission adopts a rule as follows:

10 CSR 60-4.052 Source Water Monitoring and Enhanced Treatment Requirements is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2009 (34 MoReg 671–694). No changes have been made to the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed rule was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed rule establishes source water monitoring requirements and enhanced treatment for *Cryptosporidium* for surface water systems. The requirements are identical to the federal requirements found in subpart W of 40 CFR 141. No comments were received. The rule is adopted as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 4—Contaminant Levels and Monitoring**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-4.090 Maximum Contaminant Levels and Monitoring Requirements for Disinfection By-Products is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 695–701). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENT: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment requires systems to calculate and comply with a locational running annual average at each monitoring location of 0.080 mg/L for total trihalomethanes and 0.060 mg/L for haloacetic acids 5. The amendment also includes reduced monitoring requirements for source water TOC and bromate to match federal requirements. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 4—Contaminant Levels and Monitoring**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission adopts a rule as follows:

10 CSR 60-4.092 Initial Distribution System Evaluation is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2009 (34 MoReg 701). No changes have been made to the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed rule was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed rule incorporates by reference initial distribution system evaluation requirements found in the 40 CFR part 141 subpart U of the Stage 2 Disinfectants/Disinfection By-Products Rule. No comments were received, and the rule is adopted as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 4—Contaminant Levels and Monitoring**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission adopts a rule as follows:

10 CSR 60-4.094 Stage 2 Disinfectants/Disinfection By-Products is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on April 1, 2009 (34 MoReg 701–710). No changes have been made to the text of the proposed rule, so it is not reprinted here. This proposed rule becomes

effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed rule was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed rule adopts without variance the Stage 2 D/DBP monitoring requirements found in subpart V of 40 CFR part 141. This proposed rule establishes compliance dates and monitoring requirements for compliance with the TTHM and HAA5 maximum contaminant levels based on locational running annual averages. No changes are proposed to the federal requirements. No comments were received, and the rule is adopted as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 5—Laboratory and Analytical Requirements**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-5.010 Acceptable and Alternate Procedures for Analyses **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 711). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment updates the incorporation by reference of analytical methods by adopting new methods found in the Long-Term 2 Enhanced Surface Water Treatment Rule and the Stage 2 Disinfectants/Disinfection By-Products Rule. The proposed amendment also incorporates by reference detection limits for disinfection by-products. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 7—Reporting**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-7.010 Reporting Requirements **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 711-714). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period

ended the same day. At the public hearing, the department testified that the proposed amendment adopts federal reporting requirements found in the Stage 2 Disinfectants/Disinfection By-Products Rule. The rule is amended to require systems to report locational running annual average and other monitoring data required by the federal rule. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 8—Public Notification**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-8.010 Public Notification of Conditions Affecting a Public Water Supply **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 715-718). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment adopts special public notice requirements for repeated failure to conduct monitoring of source water for *Cryptosporidium* and for failure to determine bin classification or mean *Crypto* levels. These are identical to the federal requirements in the Long-Term 2 Enhanced Surface Water Treatment Rule. In order to fit these requirements into a logical sequence in the rule, special notice requirements for unregulated contaminant monitoring and nitrate monitoring were moved in the proposed amendment, but were not changed in any way. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 8—Public Notifications**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-8.030 Consumer Confidence Reports **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 719-722). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment adopts federal Consumer Confidence Report (CCR) requirements found in the Stage 2

Disinfectants/Disinfection By-Products Rule. The rule requires community water systems to include locational running annual average data and Initial Distribution System Evaluation sample results in the CCR. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 60—Safe Drinking Water Commission
Chapter 9—Record Maintenance**

ORDER OF RULEMAKING

By the authority vested in the Safe Drinking Water Commission under section 640.100, RSMo Supp. 2008, the commission amends a rule as follows:

10 CSR 60-9.010 Requirements for Maintaining Public Water System Records is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2009 (34 MoReg 723). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: A public hearing on this proposed amendment was held May 19, 2009, and the public comment period ended the same day. At the public hearing, the department testified that the proposed amendment adopts requirements for source water and treatment monitoring records found in the Long-Term 2 Enhanced Surface Water Treatment Rule and Stage 2 Disinfectants/Disinfection By-Products Rule requirements for keeping copies of monitoring plans. No comments were received, and the rule is amended as proposed.

**Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 100—Petroleum Storage Tank Insurance Fund
Board of Trustees
Chapter 4—Participation Requirements**

ORDER OF RULEMAKING

By the authority vested in the board of trustees under section 319.129, RSMo Supp. 2008, the board amends a rule as follows:

10 CSR 100-4.020 Participation Requirements for Aboveground Storage Tanks is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on May 15, 2009 (34 MoReg 1182). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION
Division 2245—Real Estate Appraisers
Chapter 3—Applications for Certification and Licensure**

ORDER OF RULEMAKING

By the authority vested in the Real Estate Appraisers under section 339.509(8), RSMo 2000, the commission rescinds a rule as follows:

20 CSR 2245-3.005 Trainee Real Estate Appraiser Registration is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on June 1, 2009 (34 MoReg 1277). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION
Division 2245—Real Estate Appraisers
Chapter 3—Applications for Certification and Licensure**

ORDER OF RULEMAKING

By the authority vested in the Real Estate Appraisers under section 339.509(8), RSMo 2000, the commission adopts a rule as follows:

20 CSR 2245-3.005 is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on June 1, 2009 (34 MoReg 1277–1280). Those sections with changes are reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The commission received two (2) comments from the Missouri Appraisers Advisory Council on the proposed rule.

COMMENT #1: The Missouri Appraisers Advisory Council submitted a comment stating that the Uniform Standards of Professional Appraisal Practice (USPAP) are typically revised every two (2) years. The current applicable version of USPAP in effect is the 2008–2009 edition, and it has been announced that USPAP will be revised for release in 2010. The Missouri Appraisers Advisory Council (MAAC) generally agreed that the specific reference to the 2006 version or any specific version of USPAP unnecessarily dates the regulation. MAAC suggested that the regulation reference the USPAP applicable as of the date of the appraisal.

RESPONSE AND EXPLANATION OF CHANGE: Since this publication is incorporated by reference in the proposed rule, it must follow the requirements in section 536.031.4, RSMo Supp. 2008. Therefore, paragraph (5)(B)1. will be changed to state the 2008 edition of the USPAP.

COMMENT #2: The Missouri Appraisers Advisory Council submitted a comment stating that subsections (A), (B), (C), and (D) of section (6) of this proposed rule references the licensing requirements for supervisors of trainees and appears to grant supervising appraisers that only are “licensed” in another state the capacity to serve as a supervisor for a trainee experience credit. The MAAC generally agreed that since only trainees supervised by certified residential and certified general appraisers in the state of Missouri can receive credit for their experience, any lesser status of licensure for supervisors in other states would be inappropriate and inconsistent with the intent of having only certified appraisers serve as supervisors. The MAAC suggested clarification of the language to preclude out-of-state trainees receiving credit for training from individuals who would not be qualified to supervise trainees in Missouri.

RESPONSE AND EXPLANATION OF CHANGE: The commission concurred with the MAAC. The proposed rule will be modified by removing the words "license or" from the phrase "license or certification" throughout section (6) of the proposed rule.

20 CSR 2245-3.005 Trainee Real Estate Appraiser Registration

(5) Training.

(B) The supervising appraiser(s) shall be responsible for the training, guidance, and direct supervision of the registrant by:

1. Accepting responsibility for the appraisal report by signing and certifying that the report complies with the *Uniform Standards of Professional Appraisal Practice* (USPAP), 2008 Edition. The USPAP, 2008 Edition, is incorporated herein by reference and can be obtained from The Appraisal Foundation, 1155 15th Street NW, Suite 1111, Washington, DC 20005, by calling (202) 347-7722, or at www.appraisalfoundation.org;

2. Reviewing and signing the appraisal report(s) for which the registrant has provided appraisal services; and

3. Personally inspecting each appraised property with the registrant until the supervising appraiser determines the registrant trainee is competent, in accordance with the competency rule of USPAP. If applying for a residential certification, the supervising appraiser shall personally inspect fifty (50) properties with the registrant, unless otherwise waived by the commission for good cause. If applying for certified general, the supervising appraiser shall personally inspect twenty (20) nonresidential properties with the registrant, unless otherwise waived by the commission for good cause.

(6) A person may register as a trainee under a supervising appraiser certified in another state if:

(A) The supervising appraiser is certified in another state that has requirements that are substantially similar to the requirements in Missouri for certification as a state-certified general or state-certified residential real estate appraiser;

(B) The supervising appraiser's certification from the other state authorizes the supervisor, at a minimum, to perform the same scope of appraisal services that either a Missouri-certified general or certified residential appraiser is authorized to perform.

(C) The supervising appraiser's certification from the other state is active and has been in good standing and not subject to discipline for the prior two (2) years. The trainee real estate appraiser application shall be accompanied by verification from the supervising appraiser's certification authority verifying that the supervising appraiser's certification is active, in good standing, and has not been disciplined as provided in this subsection.

(D) Upon application for certification, trainees that are supervised by an appraiser certified in another state shall be required to comply with all certification requirements established by Missouri law, including 20 CSR 2245-3.010(5), which provides that fifty percent (50%) of all experience hours must be completed in the state of Missouri. Trainees are also reminded that pursuant to 20 CSR 2245-3.010, applicants for a general certification must have accumulated a total of three thousand (3,000) hours of appraisal experience of which at least fifty percent (50%) (one thousand five hundred (1,500) hours) shall be in nonresidential appraisal work and under the supervision of a Missouri certified general real estate appraiser or a certified general appraiser certified in another state and who is authorized to perform the same scope of appraisal services as a Missouri-certified general appraiser.

The Secretary of State is required by sections 347.141 and 359.481, RSMo 2000, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to dissolutions@sos.mo.gov.

NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY

To: All creditors of and claimants against Branson Gardens, L.L.C., a Missouri Limited Liability Company.

On June 8, 2009, Branson Gardens, L.L.C., a Missouri Limited Liability Company, Charter Number LC0662528, filed its notice of winding up with the Missouri Secretary of State.

Said limited liability company requests that all persons and organizations who have claims against it present them immediately by letter to the company at 245 S. Wildwood Drive, Branson, MO 65616.

All claims must include the following information:

1. Name and address of the claimant.
2. The amount claimed.
3. The clear and concise statement of the facts supporting the claim.
4. The date the claim was incurred.

NOTICE: Because of the winding up of Branson Gardens, L.L.C., any claims against it will be barred unless a proceeding to enforce the claim is commenced within three years after the publication of the three notices authorized by statute, whichever is published last.

NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST HENSLEE FAMILY FARM, L.L.C.

On August 3, 2009, HENSLEE FAMILY FARM, L.L.C., a Missouri limited liability company ("Company"), filed its Notice of Winding Up with the Missouri Secretary of State, effective on the filing date.

All persons and organizations must submit to Company, c/o Frank C. Carnahan, Carnahan, Evans, Cantwell & Brown, P.C., 2805 S. Ingram Mill, Springfield, Missouri 65804, a written summary of any claims against Company, including: 1) claimant's name, address and telephone number; 2) amount of claim; 3) date(s) claim accrued (or will accrue); 4) brief description of the nature of the debt or the basis for the claim; and 5) if the claim is secured, and if so, the collateral used as security.

Because of the dissolution, any claims against Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the last of filing or publication of this Notice.

**NOTICE OF DISSOLUTION OF
DeHAVEN'S BACKHOE SERVICE, L.L.C.**

On the 27TH day of July, 2009, DeHaven's Backhoe Service, L.L.C. filed its Notice of Winding Up with the Missouri Secretary of State. The dissolution of the LLC was effective on the 7th day of August, 2009.

You are hereby notified that if you believe you have a claim against DeHaven's Backhoe Service, L.L.C. you must submit a summary in writing of the circumstances surrounding your claim to Richard P. Beard, Beard & Associates Law Firm, L.L.C., 316 South Ohio, P.O. Box 401, Sedalia, Missouri 65302-0401.

The summary of your claim must include the following information:

1. The name, address and telephone number of the claimant.
2. The amount of the claim.
3. The date on which the event on which the claim is based occurred.
4. A brief description of the nature of the debt or the basis for the claim.

All claims against DeHaven's Backhoe Service, L.L.C. will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this notice. Claims will also be barred as provided in Section 347.141 R.S.Mo.

**Rule Changes Since Update to
Code of State Regulations**

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*, citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year—30 (2005) and 31 (2006). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

Rule Number	Agency	Emergency	Proposed	Order	In Addition
1 CSR 10	OFFICE OF ADMINISTRATION				
1 CSR 20-6.010	State Officials' Salary Compensation Schedule				30 MoReg 2435
	Personnel Advisory Board and Division of Personnel		34 MoReg 1397		
	DEPARTMENT OF AGRICULTURE				
2 CSR 30-2.010	Animal Health		34 MoReg 1461		
2 CSR 30-2.020	Animal Health		34 MoReg 1468		
2 CSR 30-2.040	Animal Health		34 MoReg 1334		
2 CSR 30-6.015	Animal Health		34 MoReg 1474		
2 CSR 30-6.020	Animal Health		34 MoReg 1475		
2 CSR 30-10.010	Animal Health		34 MoReg 1175	34 MoReg 1938	
2 CSR 80-2.010	State Milk Board		34 MoReg 1788		
2 CSR 80-2.020	State Milk Board		34 MoReg 1788		
2 CSR 80-2.030	State Milk Board		34 MoReg 1789		
2 CSR 80-2.040	State Milk Board		34 MoReg 1789		
2 CSR 80-2.050	State Milk Board		34 MoReg 1790		
2 CSR 80-2.060	State Milk Board		34 MoReg 1790		
2 CSR 80-2.070	State Milk Board		34 MoReg 1790		
2 CSR 80-2.080	State Milk Board		34 MoReg 1793		
2 CSR 80-2.091	State Milk Board		34 MoReg 1793		
2 CSR 80-2.101	State Milk Board		34 MoReg 1794		
2 CSR 80-2.110	State Milk Board		34 MoReg 1794		
2 CSR 80-2.121	State Milk Board		34 MoReg 1794		
2 CSR 80-2.130	State Milk Board		34 MoReg 1795		
2 CSR 80-2.141	State Milk Board		34 MoReg 1795		
2 CSR 80-2.151	State Milk Board		34 MoReg 1796		
2 CSR 80-2.161	State Milk Board		34 MoReg 1796		
2 CSR 80-2.170	State Milk Board		34 MoReg 1796		
2 CSR 90-10	Weights and Measures				33 MoReg 1193 34 MoReg 1949
	DEPARTMENT OF CONSERVATION				
3 CSR 10-5.205	Conservation Commission		34 MoReg 1275	34 MoReg 1740	
3 CSR 10-5.215	Conservation Commission		34 MoReg 1275	34 MoReg 1740	
3 CSR 10-5.435	Conservation Commission		This Issue		
3 CSR 10-7.440	Conservation Commission		N.A.	34 MoReg 1740	
			N.A.	This Issue	
3 CSR 10-9.442	Conservation Commission		N.A.	This Issue	
3 CSR 10-20.805	Conservation Commission		34 MoReg 1276	34 MoReg 1741	
	DEPARTMENT OF ECONOMIC DEVELOPMENT				
4 CSR 240-2.020	Public Service Commission		34 MoReg 1175R	34 MoReg 1938R	
4 CSR 240-3.240	Public Service Commission		34 MoReg 842R	34 MoReg 1741R	
4 CSR 240-3.330	Public Service Commission		34 MoReg 842R	34 MoReg 1741R	
4 CSR 240-3.440	Public Service Commission		34 MoReg 843R	34 MoReg 1741R	
4 CSR 240-3.635	Public Service Commission		34 MoReg 843R	34 MoReg 1741R	
4 CSR 240-20.065	Public Service Commission		34 MoReg 659	34 MoReg 1938	
4 CSR 240-126.010	Public Service Commission		34 MoReg 1176	34 MoReg 1940	
4 CSR 240-126.020	Public Service Commission		34 MoReg 1176	34 MoReg 1940	
	DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION				
5 CSR 30-4.030	Division of Administrative and Financial Services		34 MoReg 1177R 34 MoReg 1178	This IssueR This Issue	
	DEPARTMENT OF HIGHER EDUCATION				
6 CSR 10-3.010	Commissioner of Higher Education		34 MoReg 1481		
	DEPARTMENT OF TRANSPORTATION				
7 CSR 10-11.010	Missouri Highways and Transportation Commission		34 MoReg 1483		
7 CSR 10-11.020	Missouri Highways and Transportation Commission		34 MoReg 1484R 34 MoReg 1484		
7 CSR 10-11.030	Missouri Highways and Transportation Commission		34 MoReg 1487R 34 MoReg 1487		
7 CSR 10-25.010	Missouri Highways and Transportation Commission				34 MoReg 1949
7 CSR 60-2.010	Highway Safety Division	34 MoReg 1321	34 MoReg 1340		
7 CSR 60-2.020	Highway Safety Division		34 MoReg 1341		
7 CSR 60-2.030	Highway Safety Division	34 MoReg 1322	34 MoReg 1342		
7 CSR 60-2.040	Highway Safety Division	34 MoReg 1324	34 MoReg 1347		
7 CSR 60-2.050	Highway Safety Division		34 MoReg 1348		

Rule Number	Agency	Emergency	Proposed	Order	In Addition
7 CSR 60-2.060	Highway Safety Division		34 MoReg 1349		
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS					
8 CSR 10-2.010	Division of Employment Security		This Issue		
8 CSR 30-6.010	Division of Labor Standards	34 MoReg 1393	34 MoReg 1398		
8 CSR 60-1.010	Missouri Commission on Human Rights		34 MoReg 763	34 MoReg 1680	
8 CSR 60-2.065	Missouri Commission on Human Rights		34 MoReg 763	34 MoReg 1680	
8 CSR 60-2.130	Missouri Commission on Human Rights		34 MoReg 764	34 MoReg 1680	
8 CSR 60-2.150	Missouri Commission on Human Rights		34 MoReg 765	34 MoReg 1680	
8 CSR 60-2.200	Missouri Commission on Human Rights		34 MoReg 765	34 MoReg 1681	
8 CSR 60-2.210	Missouri Commission on Human Rights		34 MoReg 765	34 MoReg 1681	
8 CSR 60-4.015	Missouri Commission on Human Rights		34 MoReg 766	34 MoReg 1681	
8 CSR 60-4.020	Missouri Commission on Human Rights		34 MoReg 766	34 MoReg 1681	
8 CSR 60-4.030	Missouri Commission on Human Rights		34 MoReg 766	34 MoReg 1681	
DEPARTMENT OF MENTAL HEALTH					
9 CSR 30-4.0432	Certification Standards		This Issue		
DEPARTMENT OF NATURAL RESOURCES					
10 CSR 10-5.570	Air Conservation Commission		34 MoReg 199	34 MoReg 1681	
10 CSR 10-6.045	Air Conservation Commission		34 MoReg 205	34 MoReg 1691	
10 CSR 10-6.120	Air Conservation Commission		34 MoReg 206	34 MoReg 1691	
10 CSR 10-6.260	Air Conservation Commission		34 MoReg 208	34 MoReg 1692	
10 CSR 10-6.320	Air Conservation Commission		34 MoReg 212R	34 MoReg 1698R	
10 CSR 10-6.362	Air Conservation Commission		34 MoReg 1541		
10 CSR 10-6.364	Air Conservation Commission		34 MoReg 1548		
10 CSR 10-6.366	Air Conservation Commission		34 MoReg 1552		
10 CSR 20-4.040	Clean Water Commission	34 MoReg 1326	34 MoReg 1398		
10 CSR 20-4.061	Clean Water Commission		34 MoReg 767		
10 CSR 20-6.010	Clean Water Commission		34 MoReg 772		
10 CSR 20-6.200	Clean Water Commission		34 MoReg 377	This Issue	
10 CSR 20-7.031	Clean Water Commission	33 MoReg 2415	34 MoReg 379	This Issue	
10 CSR 20-10.010	Clean Water Commission (<i>Changed to 10 CSR 26-2.010</i>)		34 MoReg 843		
10 CSR 20-10.011	Clean Water Commission (<i>Changed to 10 CSR 26-2.011</i>)		34 MoReg 845		
10 CSR 20-10.012	Clean Water Commission (<i>Changed to 10 CSR 26-2.012</i>)		34 MoReg 845		
10 CSR 20-10.020	Clean Water Commission (<i>Changed to 10 CSR 26-2.020</i>)		34 MoReg 847		
10 CSR 20-10.021	Clean Water Commission (<i>Changed to 10 CSR 26-2.021</i>)		34 MoReg 849		
10 CSR 20-10.022	Clean Water Commission (<i>Changed to 10 CSR 26-2.022</i>)		34 MoReg 849		
10 CSR 20-10.030	Clean Water Commission (<i>Changed to 10 CSR 26-2.030</i>)		34 MoReg 850		
10 CSR 20-10.031	Clean Water Commission (<i>Changed to 10 CSR 26-2.031</i>)		34 MoReg 851		
10 CSR 20-10.032	Clean Water Commission (<i>Changed to 10 CSR 26-2.032</i>)		34 MoReg 851		
10 CSR 20-10.033	Clean Water Commission (<i>Changed to 10 CSR 26-2.033</i>)		34 MoReg 851		
10 CSR 20-10.034	Clean Water Commission (<i>Changed to 10 CSR 26-2.034</i>)		34 MoReg 852		
10 CSR 20-10.040	Clean Water Commission (<i>Changed to 10 CSR 26-2.040</i>)		34 MoReg 853		
10 CSR 20-10.041	Clean Water Commission (<i>Changed to 10 CSR 26-2.041</i>)		34 MoReg 854		
10 CSR 20-10.042	Clean Water Commission (<i>Changed to 10 CSR 26-2.042</i>)		34 MoReg 854		
10 CSR 20-10.043	Clean Water Commission (<i>Changed to 10 CSR 26-2.043</i>)		34 MoReg 855		
10 CSR 20-10.044	Clean Water Commission (<i>Changed to 10 CSR 26-2.044</i>)		34 MoReg 857		
10 CSR 20-10.045	Clean Water Commission (<i>Changed to 10 CSR 26-2.045</i>)		34 MoReg 857		
10 CSR 20-10.050	Clean Water Commission (<i>Changed to 10 CSR 26-2.050</i>)		34 MoReg 858		
10 CSR 20-10.051	Clean Water Commission (<i>Changed to 10 CSR 26-2.051</i>)		34 MoReg 862		
10 CSR 20-10.052	Clean Water Commission (<i>Changed to 10 CSR 26-2.052</i>)		34 MoReg 862		
10 CSR 20-10.053	Clean Water Commission (<i>Changed to 10 CSR 26-2.053</i>)		34 MoReg 863		
10 CSR 20-10.060	Clean Water Commission (<i>Changed to 10 CSR 26-2.070</i>)		34 MoReg 866		
10 CSR 20-10.061	Clean Water Commission (<i>Changed to 10 CSR 26-2.071</i>)		34 MoReg 866		
10 CSR 20-10.062	Clean Water Commission (<i>Changed to 10 CSR 26-2.072</i>)		34 MoReg 871		

Rule Number	Agency	Emergency	Proposed	Order	In Addition
10 CSR 20-10.063	Clean Water Commission (<i>Changed to 10 CSR 26-2.073</i>)		34 MoReg 877		
10 CSR 20-10.064	Clean Water Commission (<i>Changed to 10 CSR 26-2.074</i>)		34 MoReg 877		
10 CSR 20-10.065	Clean Water Commission		34 MoReg 884R		
10 CSR 20-10.066	Clean Water Commission		34 MoReg 884R		
10 CSR 20-10.067	Clean Water Commission		34 MoReg 884R		
10 CSR 20-10.068	Clean Water Commission		34 MoReg 885R		
10 CSR 20-10.070	Clean Water Commission (<i>Changed to 10 CSR 26-2.060</i>)		34 MoReg 885		
10 CSR 20-10.071	Clean Water Commission (<i>Changed to 10 CSR 26-2.061</i>)		34 MoReg 885		
10 CSR 20-10.072	Clean Water Commission (<i>Changed to 10 CSR 26-2.062</i>)		34 MoReg 886		
10 CSR 20-10.073	Clean Water Commission (<i>Changed to 10 CSR 26-2.063</i>)		34 MoReg 890		
10 CSR 20-10.074	Clean Water Commission (<i>Changed to 10 CSR 26-2.064</i>)		34 MoReg 890		
10 CSR 20-11.090	Clean Water Commission (<i>Changed to 10 CSR 26-3.090</i>)		34 MoReg 890		
10 CSR 20-11.091	Clean Water Commission (<i>Changed to 10 CSR 26-3.091</i>)		34 MoReg 891		
10 CSR 20-11.092	Clean Water Commission (<i>Changed to 10 CSR 26-3.092</i>)		34 MoReg 891		
10 CSR 20-11.093	Clean Water Commission (<i>Changed to 10 CSR 26-3.093</i>)		34 MoReg 892		
10 CSR 20-11.094	Clean Water Commission (<i>Changed to 10 CSR 26-3.094</i>)		34 MoReg 892		
10 CSR 20-11.095	Clean Water Commission (<i>Changed to 10 CSR 26-3.095</i>)		34 MoReg 896		
10 CSR 20-11.096	Clean Water Commission (<i>Changed to 10 CSR 26-3.096</i>)		34 MoReg 897		
10 CSR 20-11.097	Clean Water Commission (<i>Changed to 10 CSR 26-3.097</i>)		34 MoReg 900		
10 CSR 20-11.098	Clean Water Commission (<i>Changed to 10 CSR 26-3.098</i>)		34 MoReg 903		
10 CSR 20-11.099	Clean Water Commission (<i>Changed to 10 CSR 26-3.099</i>)		34 MoReg 906		
10 CSR 20-11.101	Clean Water Commission (<i>Changed to 10 CSR 26-3.101</i>)		34 MoReg 908		
10 CSR 20-11.102	Clean Water Commission (<i>Changed to 10 CSR 26-3.102</i>)		34 MoReg 908		
10 CSR 20-11.103	Clean Water Commission (<i>Changed to 10 CSR 26-3.103</i>)		34 MoReg 909		
10 CSR 20-11.104	Clean Water Commission (<i>Changed to 10 CSR 26-3.104</i>)		34 MoReg 914		
10 CSR 20-11.105	Clean Water Commission (<i>Changed to 10 CSR 26-3.105</i>)		34 MoReg 914		
10 CSR 20-11.106	Clean Water Commission (<i>Changed to 10 CSR 26-3.106</i>)		34 MoReg 915		
10 CSR 20-11.107	Clean Water Commission (<i>Changed to 10 CSR 26-3.107</i>)		34 MoReg 915		
10 CSR 20-11.108	Clean Water Commission (<i>Changed to 10 CSR 26-3.108</i>)		34 MoReg 918		
10 CSR 20-11.109	Clean Water Commission (<i>Changed to 10 CSR 26-3.109</i>)		34 MoReg 920		
10 CSR 20-11.110	Clean Water Commission (<i>Changed to 10 CSR 26-3.110</i>)		34 MoReg 920		
10 CSR 20-11.111	Clean Water Commission (<i>Changed to 10 CSR 26-3.111</i>)		34 MoReg 921		
10 CSR 20-11.112	Clean Water Commission (<i>Changed to 10 CSR 26-3.112</i>)		34 MoReg 921		
10 CSR 20-11.113	Clean Water Commission (<i>Changed to 10 CSR 26-3.113</i>)		34 MoReg 925		
10 CSR 20-11.114	Clean Water Commission (<i>Changed to 10 CSR 26-3.114</i>)		34 MoReg 928		
10 CSR 20-11.115	Clean Water Commission (<i>Changed to 10 CSR 26-3.115</i>)		34 MoReg 935		
10 CSR 20-13.080	Clean Water Commission (<i>Changed to 10 CSR 26-4.080</i>)		34 MoReg 937		
10 CSR 20-15.010	Clean Water Commission (<i>Changed to 10 CSR 26-5.010</i>)		34 MoReg 937		
10 CSR 20-15.020	Clean Water Commission (<i>Changed to 10 CSR 26-5.020</i>)		34 MoReg 938		
10 CSR 20-15.030	Clean Water Commission (<i>Changed to 10 CSR 26-5.030</i>)		34 MoReg 938		
10 CSR 25-18.010	Hazardous Waste Management Commission		34 MoReg 527	34 MoReg 1940	
10 CSR 25-19.010	Hazardous Waste Management Commission	34 MoReg 1535	34 MoReg 1553		
10 CSR 26-1.010	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 939		

Rule Number	Agency	Emergency	Proposed	Order	In Addition
10 CSR 26-2.010	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.010</i>)		34 MoReg 843		
10 CSR 26-2.011	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.011</i>)		34 MoReg 845		
10 CSR 26-2.012	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.012</i>)		34 MoReg 845		
10 CSR 26-2.020	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.020</i>)		34 MoReg 847		
10 CSR 26-2.021	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.021</i>)		34 MoReg 849		
10 CSR 26-2.022	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.022</i>)		34 MoReg 849		
10 CSR 26-2.030	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.030</i>)		34 MoReg 850		
10 CSR 26-2.031	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.031</i>)		34 MoReg 851		
10 CSR 26-2.032	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.032</i>)		34 MoReg 851		
10 CSR 26-2.033	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.033</i>)		34 MoReg 851		
10 CSR 26-2.034	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.034</i>)		34 MoReg 852		
10 CSR 26-2.040	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.040</i>)		34 MoReg 853		
10 CSR 26-2.041	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.041</i>)		34 MoReg 854		
10 CSR 26-2.042	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.042</i>)		34 MoReg 854		
10 CSR 26-2.043	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.043</i>)		34 MoReg 855		
10 CSR 26-2.044	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.044</i>)		34 MoReg 857		
10 CSR 26-2.045	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.045</i>)		34 MoReg 857		
10 CSR 26-2.050	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.050</i>)		34 MoReg 858		
10 CSR 26-2.051	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.051</i>)		34 MoReg 862		
10 CSR 26-2.052	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.052</i>)		34 MoReg 862		
10 CSR 26-2.053	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.053</i>)		34 MoReg 863		
10 CSR 26-2.060	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.070</i>)		34 MoReg 885		
10 CSR 26-2.061	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.071</i>)		34 MoReg 885		
10 CSR 26-2.062	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.072</i>)		34 MoReg 886		
10 CSR 26-2.063	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.073</i>)		34 MoReg 890		
10 CSR 26-2.064	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.074</i>)		34 MoReg 890		
10 CSR 26-2.070	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.060</i>)		34 MoReg 866		
10 CSR 26-2.071	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.061</i>)		34 MoReg 866		
10 CSR 26-2.072	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.062</i>)		34 MoReg 871		
10 CSR 26-2.073	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.063</i>)		34 MoReg 877		
10 CSR 26-2.074	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-10.064</i>)		34 MoReg 877		
10 CSR 26-2.075	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 939		
10 CSR 26-2.076	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 956		
10 CSR 26-2.077	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 968		
10 CSR 26-2.078	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 978		
10 CSR 26-2.079	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 991		
10 CSR 26-2.080	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 1004		
10 CSR 26-2.081	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 1009		
10 CSR 26-2.082	Petroleum and Hazardous Substance Storage Tanks		34 MoReg 1020		
10 CSR 26-3.090	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-11.090</i>)		34 MoReg 890		
10 CSR 26-3.091	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-11.091</i>)		34 MoReg 891		
10 CSR 26-3.092	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-11.092</i>)		34 MoReg 891		
10 CSR 26-3.093	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-11.093</i>)		34 MoReg 892		
10 CSR 26-3.094	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-11.094</i>)		34 MoReg 892		

Rule Number	Agency	Emergency	Proposed	Order	In Addition
10 CSR 26-3.095	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.095</i>)		34 MoReg 896		
10 CSR 26-3.096	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.096</i>)		34 MoReg 897		
10 CSR 26-3.097	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.097</i>)		34 MoReg 900		
10 CSR 26-3.098	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.098</i>)		34 MoReg 903		
10 CSR 26-3.099	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.099</i>)		34 MoReg 906		
10 CSR 26-3.101	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.101</i>)		34 MoReg 908		
10 CSR 26-3.102	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.102</i>)		34 MoReg 908		
10 CSR 26-3.103	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.103</i>)		34 MoReg 909		
10 CSR 26-3.104	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.104</i>)		34 MoReg 914		
10 CSR 26-3.105	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.105</i>)		34 MoReg 914		
10 CSR 26-3.106	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.106</i>)		34 MoReg 915		
10 CSR 26-3.107	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.107</i>)		34 MoReg 915		
10 CSR 26-3.108	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.108</i>)		34 MoReg 918		
10 CSR 26-3.109	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.109</i>)		34 MoReg 920		
10 CSR 26-3.110	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.110</i>)		34 MoReg 920		
10 CSR 26-3.111	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.111</i>)		34 MoReg 921		
10 CSR 26-3.112	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.112</i>)		34 MoReg 921		
10 CSR 26-3.113	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.113</i>)		34 MoReg 925		
10 CSR 26-3.114	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.114</i>)		34 MoReg 928		
10 CSR 26-3.115	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-II.115</i>)		34 MoReg 935		
10 CSR 26-4.080	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-13.080</i>)		34 MoReg 937		
10 CSR 26-5.010	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-15.010</i>)		34 MoReg 937		
10 CSR 26-5.020	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-15.020</i>)		34 MoReg 938		
10 CSR 26-5.030	Petroleum and Hazardous Substance Storage Tanks (<i>Changed from 10 CSR 20-15.030</i>)		34 MoReg 938		
10 CSR 60-2.015	Safe Drinking Water Commission		33 MoReg 1964 34 MoReg 667	This Issue	
10 CSR 60-4.052	Safe Drinking Water Commission		33 MoReg 1967 34 MoReg 671	This Issue	
10 CSR 60-4.090	Safe Drinking Water Commission		33 MoReg 1991 34 MoReg 695	This Issue	
10 CSR 60-4.092	Safe Drinking Water Commission		33 MoReg 1996 34 MoReg 701	This Issue	
10 CSR 60-4.094	Safe Drinking Water Commission		33 MoReg 1996 34 MoReg 701	This Issue	
10 CSR 60-5.010	Safe Drinking Water Commission		33 MoReg 2006 34 MoReg 711	This Issue	
10 CSR 60-7.010	Safe Drinking Water Commission		33 MoReg 2006 34 MoReg 711	This Issue	
10 CSR 60-8.010	Safe Drinking Water Commission		33 MoReg 2010 34 MoReg 715	This Issue	
10 CSR 60-8.030	Safe Drinking Water Commission		33 MoReg 2014 34 MoReg 719	This Issue	
10 CSR 60-9.010	Safe Drinking Water Commission		33 MoReg 2018 34 MoReg 723	This Issue	
10 CSR 60-13.020	Safe Drinking Water Commission	34 MoReg 1393	34 MoReg 1561		
10 CSR 70-5.010	Soil and Water Districts Commission	34 MoReg 1779			
10 CSR 70-5.020	Soil and Water Districts Commission	34 MoReg 1780			
10 CSR 70-5.030	Soil and Water Districts Commission	34 MoReg 1782			
10 CSR 70-5.040	Soil and Water Districts Commission	34 MoReg 1783			
10 CSR 70-5.050	Soil and Water Districts Commission	34 MoReg 1785			
10 CSR 70-5.060	Soil and Water Districts Commission	34 MoReg 1786			
10 CSR 100-4.020	Petroleum Storage Tank Insurance Fund Board of Trustees		34 MoReg 1182	This Issue	

Rule Number	Agency	Emergency	Proposed	Order	In Addition
DEPARTMENT OF PUBLIC SAFETY					
11 CSR 40-2.010	Division of Fire Safety		34 MoReg 1570		
11 CSR 40-2.015	Division of Fire Safety		34 MoReg 1572		
11 CSR 40-2.022	Division of Fire Safety		34 MoReg 1573		
11 CSR 40-2.030	Division of Fire Safety		34 MoReg 1574		
11 CSR 40-2.040	Division of Fire Safety		34 MoReg 1575		
11 CSR 40-2.061	Division of Fire Safety		34 MoReg 1578		
11 CSR 45-4.020	Missouri Gaming Commission		34 MoReg 1797		
11 CSR 45-4.190	Missouri Gaming Commission		34 MoReg 1797		
11 CSR 45-4.200	Missouri Gaming Commission		34 MoReg 1797		
11 CSR 45-4.500	Missouri Gaming Commission		34 MoReg 1798		
11 CSR 45-4.510	Missouri Gaming Commission		34 MoReg 1798		
11 CSR 45-4.520	Missouri Gaming Commission		34 MoReg 1801		
11 CSR 45-4.530	Missouri Gaming Commission		34 MoReg 1801		
11 CSR 45-4.540	Missouri Gaming Commission		34 MoReg 1802		
11 CSR 45-5.100	Missouri Gaming Commission		34 MoReg 1578		
11 CSR 50-2.320	Missouri State Highway Patrol		This Issue		
11 CSR 80-5.010	Missouri State Water Patrol		34 MoReg 282		
DEPARTMENT OF REVENUE					
12 CSR 10-3.562	Director of Revenue		34 MoReg 1729R		
12 CSR 30-2.018	State Tax Commission		34 MoReg 1276		
12 CSR 30-3.010	State Tax Commission		34 MoReg 1276		
DEPARTMENT OF SOCIAL SERVICES					
13 CSR 70-3.030	MO HealthNet Division		This Issue		
13 CSR 70-3.100	MO HealthNet Division		This Issue		
13 CSR 70-3.120	MO HealthNet Division		34 MoReg 1350		
13 CSR 70-3.170	MO HealthNet Division	34 MoReg 1537	34 MoReg 1578		
13 CSR 70-4.090	MO HealthNet Division		34 MoReg 1350		
13 CSR 70-10.016	MO HealthNet Division		34 MoReg 1582		
13 CSR 70-10.110	MO HealthNet Division		34 MoReg 1586		
13 CSR 70-15.010	MO HealthNet Division		34 MoReg 1802		
13 CSR 70-15.110	MO HealthNet Division	34 MoReg 1538	34 MoReg 1588		
13 CSR 70-20.034	MO HealthNet Division		This Issue		
13 CSR 70-20.320	MO HealthNet Division		34 MoReg 1590		
13 CSR 70-35.010	MO HealthNet Division		This Issue		
13 CSR 70-40.010	MO HealthNet Division		This Issue		
13 CSR 70-55.010	MO HealthNet Division		34 MoReg 1353		
13 CSR 70-90.010	MO HealthNet Division		This Issue		
13 CSR 70-90.020	MO HealthNet Division		This Issue		
13 CSR 70-95.010	MO HealthNet Division		This Issue		
ELECTED OFFICIALS					
15 CSR 30-45.040	Secretary of State		34 MoReg 1488		
15 CSR 30-50.010	Secretary of State		34 MoReg 1408		
15 CSR 30-50.030	Secretary of State		34 MoReg 1408		
15 CSR 30-51.030	Secretary of State		34 MoReg 1409		
15 CSR 30-51.171	Secretary of State		34 MoReg 1409		
15 CSR 30-53.010	Secretary of State		34 MoReg 1409		
15 CSR 30-59.010	Secretary of State		34 MoReg 1410		
RETIREMENT SYSTEMS					
16 CSR 50-10.050	The County Employees' Retirement Fund		34 MoReg 1024	34 MoReg 1742	
DEPARTMENT OF HEALTH AND SENIOR SERVICES					
19 CSR 30-40.342	Division of Regulation and Licensure		34 MoReg 289		
19 CSR 30-70.650	Division of Regulation and Licensure		34 MoReg 1729		
19 CSR 60-50	Missouri Health Facilities Review Committee				34 MoReg 1701 34 MoReg 1950
DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS AND PROFESSIONAL REGISTRATION					
20 CSR	Construction Claims Binding Arbitration Cap				33 MoReg 150 33 MoReg 2446
20 CSR	Medical Malpractice				31 MoReg 616 32 MoReg 545
20 CSR	Sovereign Immunity Limits				31 MoReg 2019 33 MoReg 150 33 MoReg 2446
20 CSR	State Legal Expense Fund Cap				32 MoReg 668 33 MoReg 150 33 MoReg 2446
20 CSR 200-1.005	Insurance Solvency and Company Regulation		34 MoReg 1738		
20 CSR 200-1.030	Insurance Solvency and Company Regulation		34 MoReg 1738		
20 CSR 400-2.200	Life, Annuities and Health		34 MoReg 542		
20 CSR 400-3.650	Life, Annuities and Health	34 MoReg 1539	34 MoReg 1805		
20 CSR 2015-1.030	Acupuncturist Advisory Committee	34 MoReg 1173			
20 CSR 2030-2.010	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects		34 MoReg 1182	34 MoReg 1742	

Rule Number	Agency	Emergency	Proposed	Order	In Addition
20 CSR 2030-2.040	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects		34 MoReg 1921		
20 CSR 2030-11.025	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects		34 MoReg 1183	34 MoReg 1742	
20 CSR 2030-11.035	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects		34 MoReg 1185	34 MoReg 1742	
20 CSR 2030-21.010	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects		34 MoReg 1921		
20 CSR 2085-3.010	Board of Cosmetology and Barber Examiners	34 MoReg 1459	34 MoReg 1024 34 MoReg 1921	34 MoReg 1743	
20 CSR 2085-5.010	Board of Cosmetology and Barber Examiners		34 MoReg 1187	34 MoReg 1743	
20 CSR 2085-6.010	Board of Cosmetology and Barber Examiners		34 MoReg 1187	34 MoReg 1743	
20 CSR 2085-7.010	Board of Cosmetology and Barber Examiners		34 MoReg 1187	34 MoReg 1743	
20 CSR 2085-7.050	Board of Cosmetology and Barber Examiners		34 MoReg 1188	34 MoReg 1743	
20 CSR 2085-8.030	Board of Cosmetology and Barber Examiners		34 MoReg 1188	34 MoReg 1743	
20 CSR 2085-8.040	Board of Cosmetology and Barber Examiners		34 MoReg 1189	34 MoReg 1744	
20 CSR 2085-8.060	Board of Cosmetology and Barber Examiners		34 MoReg 1189	34 MoReg 1744	
20 CSR 2085-9.010	Board of Cosmetology and Barber Examiners		34 MoReg 1189	34 MoReg 1744	
20 CSR 2085-9.020	Board of Cosmetology and Barber Examiners		34 MoReg 1925		
20 CSR 2085-10.010	Board of Cosmetology and Barber Examiners		34 MoReg 1190	34 MoReg 1744	
20 CSR 2085-10.020	Board of Cosmetology and Barber Examiners		34 MoReg 1192	34 MoReg 1745	
20 CSR 2085-10.060	Board of Cosmetology and Barber Examiners		34 MoReg 1194R 34 MoReg 1194	34 MoReg 1745R 34 MoReg 1745	
20 CSR 2085-11.020	Board of Cosmetology and Barber Examiners		34 MoReg 1195	34 MoReg 1745	
20 CSR 2085-12.010	Board of Cosmetology and Barber Examiners		34 MoReg 1195	34 MoReg 1948	
20 CSR 2085-12.040	Board of Cosmetology and Barber Examiners		34 MoReg 1928		
20 CSR 2085-12.060	Board of Cosmetology and Barber Examiners		34 MoReg 1195	34 MoReg 1745	
20 CSR 2085-12.070	Board of Cosmetology and Barber Examiners		34 MoReg 1928		
20 CSR 2085-12.080	Board of Cosmetology and Barber Examiners		34 MoReg 1928		
20 CSR 2110-2.120	Missouri Dental Board		34 MoReg 1592		
20 CSR 2120-1.040	State Board of Embalmers and Funeral Directors		34 MoReg 1929		
20 CSR 2120-2.010	State Board of Embalmers and Funeral Directors		34 MoReg 1929		
20 CSR 2120-2.040	State Board of Embalmers and Funeral Directors		34 MoReg 1930		
20 CSR 2120-2.060	State Board of Embalmers and Funeral Directors		34 MoReg 1930		
20 CSR 2120-2.070	State Board of Embalmers and Funeral Directors		34 MoReg 1196	34 MoReg 1948	
20 CSR 2120-2.071	State Board of Embalmers and Funeral Directors		34 MoReg 1196	34 MoReg 1948	
20 CSR 2145-1.040	Missouri Board of Geologist Registration		34 MoReg 1028	34 MoReg 1745	
20 CSR 2150-3.010	State Board of Registration for the Healing Arts		34 MoReg 1030		
20 CSR 2150-3.020	State Board of Registration for the Healing Arts		34 MoReg 1035		
20 CSR 2150-3.030	State Board of Registration for the Healing Arts		34 MoReg 1037R 34 MoReg 1037		
20 CSR 2150-3.040	State Board of Registration for the Healing Arts		34 MoReg 1040R 34 MoReg 1040		
20 CSR 2150-3.050	State Board of Registration for the Healing Arts		34 MoReg 1044R 34 MoReg 1044		
20 CSR 2150-3.053	State Board of Registration for the Healing Arts		34 MoReg 1048		
20 CSR 2150-3.055	State Board of Registration for the Healing Arts		34 MoReg 1053		
20 CSR 2150-3.057	State Board of Registration for the Healing Arts		34 MoReg 1058		
20 CSR 2150-3.060	State Board of Registration for the Healing Arts		34 MoReg 1064R 34 MoReg 1064		
20 CSR 2150-3.063	State Board of Registration for the Healing Arts		34 MoReg 1067		
20 CSR 2150-3.066	State Board of Registration for the Healing Arts		34 MoReg 1073		
20 CSR 2150-3.080	State Board of Registration for the Healing Arts		34 MoReg 1077		
20 CSR 2150-3.085	State Board of Registration for the Healing Arts		34 MoReg 1077		
20 CSR 2150-3.090	State Board of Registration for the Healing Arts		34 MoReg 1082		
20 CSR 2150-3.100	State Board of Registration for the Healing Arts		34 MoReg 1082		
20 CSR 2150-3.110	State Board of Registration for the Healing Arts		34 MoReg 1086		
20 CSR 2150-3.120	State Board of Registration for the Healing Arts		34 MoReg 1086		
20 CSR 2150-3.150	State Board of Registration for the Healing Arts		34 MoReg 1087R 34 MoReg 1087		
20 CSR 2150-3.153	State Board of Registration for the Healing Arts		34 MoReg 1092		
20 CSR 2150-3.160	State Board of Registration for the Healing Arts		34 MoReg 1097		
20 CSR 2150-3.163	State Board of Registration for the Healing Arts		34 MoReg 1097		
20 CSR 2150-3.165	State Board of Registration for the Healing Arts		34 MoReg 1102		
20 CSR 2150-3.170	State Board of Registration for the Healing Arts		34 MoReg 1108		
20 CSR 2150-3.180	State Board of Registration for the Healing Arts		34 MoReg 1108		
20 CSR 2150-3.201	State Board of Registration for the Healing Arts		34 MoReg 1112		
20 CSR 2150-5.020	State Board of Registration for the Healing Arts		34 MoReg 128 This Issue	34 MoReg 1355W	
20 CSR 2150-7.135	State Board of Registration for the Healing Arts		34 MoReg 1197	34 MoReg 1746	
20 CSR 2150-7.136	State Board of Registration for the Healing Arts		34 MoReg 1197	34 MoReg 1746	
20 CSR 2200-4.010	State Board of Nursing		34 MoReg 1112	34 MoReg 1746	
20 CSR 2205-1.050	Missouri Board of Occupational Therapy	34 MoReg 1173			
20 CSR 2234-1.010	Board of Private Investigator Examiners		34 MoReg 1593		
20 CSR 2234-1.020	Board of Private Investigator Examiners		34 MoReg 1594		
20 CSR 2234-1.030	Board of Private Investigator Examiners		34 MoReg 1597		
20 CSR 2234-1.040	Board of Private Investigator Examiners		34 MoReg 1600		
20 CSR 2234-1.050	Board of Private Investigator Examiners		34 MoReg 1603		
20 CSR 2234-2.010	Board of Private Investigator Examiners		34 MoReg 1603		
20 CSR 2234-2.020	Board of Private Investigator Examiners		34 MoReg 1609		
20 CSR 2234-2.030	Board of Private Investigator Examiners		34 MoReg 1613		

Rule Number	Agency	Emergency	Proposed	Order	In Addition
20 CSR 2234-2.040	Board of Private Investigator Examiners		34 MoReg 1617		
20 CSR 2234-3.010	Board of Private Investigator Examiners		34 MoReg 1621		
20 CSR 2234-3.020	Board of Private Investigator Examiners		34 MoReg 1626		
20 CSR 2234-3.030	Board of Private Investigator Examiners		34 MoReg 1630		
20 CSR 2234-3.040	Board of Private Investigator Examiners		34 MoReg 1634		
20 CSR 2234-3.050	Board of Private Investigator Examiners		34 MoReg 1639		
20 CSR 2234-3.060	Board of Private Investigator Examiners		34 MoReg 1641		
20 CSR 2234-3.070	Board of Private Investigator Examiners		34 MoReg 1643		
20 CSR 2234-4.010	Board of Private Investigator Examiners		34 MoReg 1645		
20 CSR 2234-4.020	Board of Private Investigator Examiners		34 MoReg 1650		
20 CSR 2234-4.030	Board of Private Investigator Examiners		34 MoReg 1653		
20 CSR 2234-4.040	Board of Private Investigator Examiners		34 MoReg 1657		
20 CSR 2234-4.050	Board of Private Investigator Examiners		34 MoReg 1661		
20 CSR 2234-5.010	Board of Private Investigator Examiners		34 MoReg 1665		
20 CSR 2234-6.010	Board of Private Investigator Examiners		34 MoReg 1668		
20 CSR 2234-7.010	Board of Private Investigator Examiners		34 MoReg 1674		
20 CSR 2235-1.015	State Committee of Psychologists		34 MoReg 1198	34 MoReg 1746	
20 CSR 2235-2.070	State Committee of Psychologists		34 MoReg 1199	34 MoReg 1746	
20 CSR 2235-2.080	State Committee of Psychologists		34 MoReg 1199	34 MoReg 1747	
20 CSR 2245-3.005	Real Estate Appraisers		34 MoReg 1277R	This IssueR	
			34 MoReg 1277	This Issue	
20 CSR 2245-5.020	Real Estate Appraisers		34 MoReg 1117		
20 CSR 2250-4.040	Missouri Real Estate Commission		34 MoReg 1200	34 MoReg 1747	
20 CSR 2250-4.050	Missouri Real Estate Commission		34 MoReg 1202	34 MoReg 1747	
20 CSR 2250-4.070	Missouri Real Estate Commission		34 MoReg 1204	34 MoReg 1747	
20 CSR 2250-4.075	Missouri Real Estate Commission		34 MoReg 1206	34 MoReg 1747	
20 CSR 2250-8.030	Missouri Real Estate Commission		34 MoReg 1206	34 MoReg 1747	
20 CSR 2250-8.090	Missouri Real Estate Commission		34 MoReg 1206	34 MoReg 1748	
20 CSR 2250-8.095	Missouri Real Estate Commission		34 MoReg 1207	34 MoReg 1748	
20 CSR 2250-8.096	Missouri Real Estate Commission		34 MoReg 1208	34 MoReg 1748	
20 CSR 2250-8.097	Missouri Real Estate Commission		34 MoReg 1209	34 MoReg 1748	
20 CSR 2250-8.155	Missouri Real Estate Commission		34 MoReg 1209R	34 MoReg 1748R	
			34 MoReg 1209	34 MoReg 1748	
20 CSR 2250-8.200	Missouri Real Estate Commission		34 MoReg 1213	34 MoReg 1749	
20 CSR 2250-8.220	Missouri Real Estate Commission		34 MoReg 1213	34 MoReg 1749	
20 CSR 2250-10.100	Missouri Real Estate Commission		34 MoReg 1213	34 MoReg 1749	
20 CSR 2267-2.010	Office of Tattooing, Body Piercing, and Branding		34 MoReg 1932		
20 CSR 2267-2.020	Office of Tattooing, Body Piercing, and Branding	34 MoReg 1174			
20 CSR 2267-6.030	Office of Tattooing, Body Piercing, and Branding		34 MoReg 1937R		
20 CSR 2270-1.021	Missouri Veterinary Medical Board	34 MoReg 823	34 MoReg 1121	34 MoReg 1749	
20 CSR 2270-3.020	Missouri Veterinary Medical Board		34 MoReg 1214	34 MoReg 1749	
20 CSR 2270-4.042	Missouri Veterinary Medical Board		34 MoReg 1937		

Agency	Publication	Effective	Expiration
Department of Transportation			
Highway Safety Division			
7 CSR 60-2.010	Definitions . . . . .	.34 MoReg 1321	July 1, 2009Dec. 30, 2009
7 CSR 60-2.030	Standards and Specifications . . . . .	.34 MoReg 1322	July 1, 2009Dec. 30, 2009
7 CSR 60-2.040	Responsibilities of Authorized Service Providers . . . . .	.34 MoReg 1324	July 1, 2009Dec. 30, 2009
Department of Labor and Industrial Relations			
Division of Labor Standards			
8 CSR 30-6.010	Reduction in Minimum Wage Based on Physical or Mental Disabilities . . . . .	.34 MoReg 1393	June 11, 2009Dec. 7, 2009
Department of Natural Resources			
Clean Water Commission			
10 CSR 20-4.040	State Revolving Fund General Assistance Regulation . . . . .	.34 MoReg 1326	May 22, 2009Feb. 25, 2010
Hazardous Waste Management Commission			
10 CSR 25-19.010	Electronics Scrap Management . . . . .	.34 MoReg 1535	July 1, 2009Feb. 25, 2010
Safe Drinking Water Commission			
10 CSR 60-13.020	Drinking Water Revolving Fund Loan Program . . . . .	.34 MoReg 1393	May 30, 2009Feb. 25, 2010
Soil and Water Districts Commission			
10 CSR 70-5.010	Apportionment of Funds . . . . .	.34 MoReg 1779	Aug. 8, 2009Feb. 25, 2010
10 CSR 70-5.020	Application and Eligibility for Funds . . . . .	.34 MoReg 1780	Aug. 8, 2009Feb. 25, 2010
10 CSR 70-5.030	Design, Layout and Construction of Proposed Practices; Operation and Maintenance . . . . .	.34 MoReg 1782	Aug. 8, 2009Feb. 25, 2010
10 CSR 70-5.040	Rates and Reimbursement Procedures . . . . .	.34 MoReg 1783	Aug. 8, 2009Feb. 25, 2010
10 CSR 70-5.050	District Administration of the Program . . . . .	.34 MoReg 1785	Aug. 8, 2009Feb. 25, 2010
10 CSR 70-5.060	Commission Administration of the Program . . . . .	.34 MoReg 1786	Aug. 8, 2009Feb. 25, 2010
Department of Social Services			
MO HealthNet Division			
13 CSR 70-3.170	Medicaid Managed Care Organization Reimbursement Allowance . . . . .	.34 MoReg 1537	July 1, 2009Sept. 30, 2009
13 CSR 70-15.110	Federal Reimbursement Allowance (FRA) . . . . .	.34 MoReg 1538	July 1, 2009Dec. 28, 2009
Department of Insurance, Financial Institutions and Professional Registration			
Life, Annuities and Health			
20 CSR 400-3.650	Medicare Supplement Insurance Minimum Standards Act . . . . .	.34 MoReg 1539	July 1, 2009Feb. 25, 2010
Acupuncturist Advisory Committee			
20 CSR 2015-1.030	Fees . . . . .	.34 MoReg 1173	April 19, 2009Jan. 27, 2010
Board of Cosmetology and Barber Examiners			
20 CSR 2085-3.010	Fees . . . . .	.34 MoReg 1459	June 18, 2009Feb. 25, 2010
Missouri Board of Occupational Therapy			
20 CSR 2205-1.050	Fees . . . . .	.34 MoReg 1173	April 17, 2009Jan. 27, 2010
State Board of Embalmers and Funeral Directors			
20 CSR 2120-3.100	Notice of Intent to Apply	Next Issue	Sept. 7, 2009March 5, 2010
Office of Tattooing, Body Piercing, and Branding			
20 CSR 2267-2.020	Fees . . . . .	.34 MoReg 1174	April 17, 2009Jan. 27, 2010
Missouri Veterinary Medical Board			
20 CSR 2270-1.021	Fees . . . . .	.34 MoReg 823	April 2, 2009Jan. 12, 2010

Executive Orders

Executive Orders	Subject Matter	Filed Date	Publication
2009			
09-23	Designates members of the governor's staff as having supervisory authority over departments, divisions, or agencies	September 1, 2009	Next Issue
09-22	Appoints the Home Building and Residential Energy Efficiency Advisory panel to issue recommendations on energy efficiency measures for the home building sector and consumers	August 20, 2009	Next Issue
09-21	Declares a state of emergency exists in the state of Missouri and directs that Missouri State Emergency Operations Plan remain activated	May 14, 2009	34 MoReg 1332
09-20	Gives the director of the Missouri Department of Natural Resources full discretionary authority to temporarily waive or suspend the operation of any statutory or administrative rule or regulation currently in place under his purview in order to best serve the interests of the public health and safety during the period of the emergency and the subsequent recovery period	May 12, 2009	34 MoReg 1331
09-19	Declares a state of emergency exists in the state of Missouri and directs that the Missouri State Emergency Operations Plan be activated	May 8, 2009	34 MoReg 1329
09-18	Orders that all state agencies whose building management falls under the direction of the Office of Administration shall institute policies that will result in reductions of energy consumption of two percent per year for each of the next ten years	April 23, 2009	34 MoReg 1273
09-17	Creates the Transform Missouri Project as well as the Taxpayer Accountability, Compliance, and Transparency Unit, and rescinds Executive Order 09-12	March 31, 2009	34 MoReg 828
09-16	Directs the Department of Corrections to lead a permanent, interagency steering team for the Missouri Reentry Process	March 26, 2009	34 MoReg 826
09-15	Expands the Missouri Automotive Jobs Task Force to consist of 18 members	March 24, 2009	34 MoReg 824
09-14	Designates members of the governor's staff as having supervisory authority over departments, divisions, or agencies	March 5, 2009	34 MoReg 761
09-13	Extends Executive Order 09-04 and Executive Order 09-07 through March 31, 2009	February 25, 2009	34 MoReg 657
09-12	Creates and establishes the Transform Missouri Initiative	February 20, 2009	34 MoReg 655
09-11	Orders the Department of Health and Senior Services and the Department of Social Services to transfer the Blindness Education, Screening and Treatment Program (BEST) to the Department of Social Services	February 4, 2009	34 MoReg 590
09-10	Orders the Department of Elementary and Secondary Education and the Department of Economic Development to transfer the Missouri Customized Training Program to the Department of Economic Development	February 4, 2009	34 MoReg 588
09-09	Transfers the various scholarship programs under the Departments of Agriculture, Elementary and Secondary Education, Higher Education, and Natural Resources to the Department of Higher Education	February 4, 2009	34 MoReg 585
09-08	Designates members of the governor's staff as having supervisory authority over departments, divisions, or agencies	February 2, 2009	34 MoReg 366
09-07	Gives the director of the Missouri Department of Natural Resources the authority to temporarily suspend regulations in the aftermath of severe weather that began on January 26	January 30, 2009	34 MoReg 364
09-06	Activates the state militia in response to the aftermath of severe storms that began on January 26	January 28, 2009	34 MoReg 362
09-05	Establishes a Complete Count Committee for the 2010 Census	January 27, 2009	34 MoReg 359
09-04	Declares a state of emergency and activates the Missouri State Emergency Operations Plan	January 26, 2009	34 MoReg 357
09-03	Directs the Missouri Department of Economic Development, working with the Missouri Development Finance Board, to create a pool of funds designated for low-interest and no-interest direct loans for small business	January 13, 2009	34 MoReg 281
09-02	Creates the Economic Stimulus Coordination Council	January 13, 2009	34 MoReg 279
09-01	Creates the Missouri Automotive Jobs Task Force	January 13, 2009	34 MoReg 277

2008

08-41	Extends Executive Order 07-31 until January 12, 2009	January 9, 2009	34 MoReg 275
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Executive Orders

	Subject Matter	Filed Date	Publication
08-40	Extends Executive Order 07-01 until January 1, 2010	December 17, 2008	34 MoReg 181
08-39	Closes state offices in Cole County on Monday, January 12, 2009	December 3, 2008	34 MoReg 11
08-38	Amends Executive Order 03-17 to revise the composition of the committee to include the Divisional Commander of the Midland Division of the Salvation Army or his or her designee	November 25, 2008	34 MoReg 10
08-37	Orders the Department of Natural Resources to develop a voluntary certification program to identify environmentally responsible practices in Missouri's lodging industries	November 13, 2008	33 MoReg 2424
08-36	Orders the departments and agencies of the Executive Branch of Missouri state government to adopt a Pandemic Flu Share Leave Program	October 23, 2008	33 MoReg 2313
08-35	Creates the Division of Developmental Disabilities and abolishes the Division of Mental Retardation and Developmental Disabilities within the Department of Mental Health	October 16, 2008	33 MoReg 2311
08-34	Establishes the Complete Count Committee to ensure an accurate count of Missouri citizens during the 2010 Census	October 21, 2008	33 MoReg 2309
08-33	Advises that state offices will be closed on Friday, December 26, 2008	October 29, 2008	33 MoReg 2308
08-32	Advises that state offices will be closed on Friday, November 28, 2008	October 2, 2008	33 MoReg 2088
08-31	Declares that a state of emergency exists in the state of Missouri and directs that the Missouri State Emergency Operations Plan be activated	September 15, 2008	33 MoReg 1863
08-30	Directs the Adjutant General call and order into active service such portions of the organized militia as he deems necessary to aid the executive officials of Missouri, to protect life and property, and to support civilian authorities	September 15, 2008	33 MoReg 1861
08-29	Transfers the Breath Alcohol Program back to the Department of Health and Senior Services from the Department of Transportation by Type I transfer	September 12, 2008	33 MoReg 1859
08-28	Orders and directs the Adjutant General of the state of Missouri, or his designee, to call and order forthwith into active service such portions of the organized militia as he deems necessary to aid the executive officials of Missouri to protect life and property	August 30, 2008	33 MoReg 1801
08-27	Declares that Missouri will implement the Emergency Management Assistance Compact with Louisiana in evacuating disaster victims associated with Hurricane Gustav from that state to the state of Missouri	August 30, 2008	33 MoReg 1799
08-26	Extends the order contained in Executive Orders 08-21, 08-23, and 08-25	August 29, 2008	33 MoReg 1797
08-25	Extends the order contained in Executive Orders 08-21 and 08-23	July 28, 2008	33 MoReg 1658
08-24	Extends the declaration of emergency contained in Executive Order 08-20 and the terms of Executive Order 08-19	July 11, 2008	33 MoReg 1546
08-23	Extends the declaration of emergency contained in Executive Order 08-21	July 11, 2008	33 MoReg 1545
08-22	Designates members of staff with supervisory authority over selected state agencies	July 3, 2008	33 MoReg 1543
08-21	Authorizes the Department of Natural Resources to temporarily waive or suspend rules during the period of the emergency	June 20, 2008	33 MoReg 1389
08-20	Declares a state of emergency exists and directs the Missouri State Emergency Operations Plan be activated	June 11, 2008	33 MoReg 1331
08-19	Orders and directs the Adjutant General of the state of Missouri, or his designee, to call and order forthwith into active service such portions of the organized militia as he deems necessary to aid the executive officials of Missouri to protect life and property	June 11, 2008	33 MoReg 1329
08-18	Authorizes the Department of Natural Resources to temporarily waive or suspend rules during the period of the emergency	May 13, 2008	33 MoReg 1131
08-17	Extends the declaration of emergency contained in Executive Order 08-14 and the terms of Executive Order 08-15	April 29, 2008	33 MoReg 1071
08-15	Calls organized militia into active service	April 1, 2008	33 MoReg 905
08-14	Declares a state of emergency exists and directs the Missouri State Emergency Operations Plan be activated	April 1, 2008	33 MoReg 903
08-13	Expands the number of state employees allowed to participate in the Missouri Mentor Initiative	March 27, 2008	33 MoReg 901
08-12	Authorizes the Department of Natural Resources to temporarily waive or suspend rules during the period of the emergency	March 21, 2008	33 MoReg 899
08-11	Calls organized militia into active service	March 18, 2008	33 MoReg 897

**Executive
Orders**

	Subject Matter	Filed Date	Publication
08-10	Declares a state of emergency exists and directs the Missouri State Emergency Operations Plan be activated	March 18, 2008	33 MoReg 895
08-09	Establishes the Missouri Civil War Sesquicentennial Commission	March 6, 2008	33 MoReg 783
08-08	Gives Department of Natural Resources authority to suspend regulations in the aftermath of severe weather that began on February 10, 2008	February 20, 2008	33 MoReg 715
08-07	Declares that a state of emergency exists in the state of Missouri.	February 12, 2008	33 MoReg 625
08-06	Orders and directs the Adjutant General of the state of Missouri, or his designee, to call and order forthwith into active service such portions of the organized militia as he deems necessary to aid the executive officials of Missouri to protect life and property	February 12, 2008	33 MoReg 623
08-05	Extends Executive Orders, 07-34, 07-36 and 07-39 through March 15, 2008 for the purpose of continuing the cleanup efforts in affected communities	February 11, 2008	33 MoReg 621
08-04	Transfers authority of the sexual assault evidentiary kit and exam payment program from the Department of Health and Senior Services to Department of Public Safety by Type 1 transfer	February 6, 2008	33 MoReg 619
08-03	Activates the state militia in response to the aftermath of severe storms that began on January 7, 2008	January 11, 2008	33 MoReg 405
08-02	Activates the Missouri State Emergency Operations Plan in the aftermath of severe weather that began on January 7, 2008	January 11, 2008	33 MoReg 403
08-01	Establishes the post of Missouri Poet Laureate	January 8, 2008	33 MoReg 401

The rule number and the MoReg publication date follow each entry to this index.

ACUPUNCTURIST ADVISORY COMMITTEE

fees; 20 CSR 2015-1.030; 5/15/09

ADMINISTRATION, OFFICE OF

personnel advisory board and division of personnel
management training; 1 CSR 20-6.010; 7/1/09

AGRICULTURE

agricultural and small business development program

applicant eligibility requirements; 2 CSR 100-2.020; 3/16/09,
7/1/09

description of operation, definitions, and method of distribu-
tion and repayment of tax credits; 2 CSR 100-10.010;
3/16/09, 7/1/09

fees; 2 CSR 100-2.040; 3/16/09, 7/1/09

time and manner of filing application; 2 CSR 100-2.030;
3/16/09, 7/1/09

animal health

animal health requirements for exhibition; 2 CSR 30-2.040;
6/15/09

duties and facilities of the market/sale veterinarian; 2 CSR 30-
6.020; 7/15/09

health requirements governing the admission of livestock,
poultry, and exotic animals entering Missouri; 2 CSR
30-2.010; 7/15/09

inspection of meat and poultry; 2 CSR 30-10.010; 5/15/09,
9/1/09

movement of livestock, poultry, and exotic animals within
Missouri; 2 CSR 30-2.020; 7/15/09

requirements and responsibilities of market licensees; 2 CSR
30-6.015; 7/15/09

milk board, state

animal health; 2 CSR 80-2.080; 9/1/09

definitions; 2 CSR 80-2.010; 9/1/09

enforcement; 2 CSR 80-2.151; 9/1/09

examination of milk and milk products, the; 2 CSR 80-2.060;
9/1/09

future dairy farms and milk plants; 2 CSR 80-2.121; 9/1/09

inspection frequency and procedure; 2 CSR 80-2.050; 9/1/09
labeling; 2 CSR 80-2.040; 9/1/09

milk and milk products from points beyond the limits of rou-
tine inspection; 2 CSR 80-2.110; 9/1/09

milk and milk products which may be sold; 2 CSR 80-2.091;
9/1/09

penalty; 2 CSR 80-2.161; 9/1/09

permits; 2 CSR 80-2.030; 9/1/09

personnel health; 2 CSR 80-2.130; 9/1/09

procedure when infection is suspected; 2 CSR 80-2.141;
9/1/09

sale of adulterated, misbranded milk or milk products; 2 CSR
80-2.020; 9/1/09

separability clause; 2 CSR 80-2.170; 9/1/09

standards for milk and milk products; 2 CSR 80-2.070; 9/1/09

transferring; delivery containers; cooling; 2 CSR 80-2.101;
9/1/09

Missouri propane gas commission

2010 budget plan; 2 CSR 90-10; 9/1/09

AIR QUALITY, AIR POLLUTION CONTROL

clean air interstate rule annual NO_x trading program; 10 CSR 10-
6.362; 8/3/09

clean air interstate rule seasonal NO_x trading program; 10 CSR 10-
6.364; 8/3/09

clean air interstate rule SO₂ trading program; 10 CSR 10-
6.366; 8/3/09

control of sulfur emissions from stationary boilers; 10 CSR 10-
5.570; 2/3/09, 8/3/09

on-board diagnostics motor vehicle emissions inspection; 10 CSR
10-5.381; 11/3/08, 4/15/09

open burning requirements; 10 CSR 10-6.045; 2/3/09, 8/3/09

restriction of emissions of lead from specific lead smelter-refinery
installations; 10 CSR 10-6.120; 2/3/09, 8/3/09

restriction of emissions of sulfur compounds; 10 CSR 10-6.260;
2/3/09, 8/3/09

sales tax exemption; 10 CSR 10-6.320; 2/3/09, 8/3/09

**ARCHITECTS, PROFESSIONAL ENGINEERS,
PROFESSIONAL LAND SURVEYORS, AND LANDSCAPE
ARCHITECTS**

code of professional conduct; 20 CSR 2030-2.010; 5/15/09,
8/17/09

continuing education for architects; 20 CSR 2030-11.025; 5/15/09,
8/17/09

continuing education for landscape architects; 20 CSR 2030-
11.035; 5/15/09, 8/17/09

design of fire suppression systems; 20 CSR 2030-21.010; 9/1/09

standard of care; 20 CSR 2030-2.040; 9/1/09

ATTORNEY GENERAL

unauthorized alien workers

complaints; 15 CSR 60-15.030; 4/1/09, 7/15/09

definitions; 15 CSR 60-15.010; 4/1/09, 7/15/09

form of affidavit; 15 CSR 60-15.020; 4/1/09, 7/15/09

investigation of complaints; 15 CSR 60-15.040; 4/1/09,
7/15/09

notification by federal government that individual not autho-
rized to work; 15 CSR 60-15.050; 4/1/09, 7/15/09

BIODIESEL PRODUCER INCENTIVE PROGRAM

Missouri qualified; 2 CSR 110-2.010; 10/1/07

CERTIFICATE OF NEED PROGRAM

application review schedule; 19 CSR 50; 8/3/09

CLEAN WATER COMMISSION

construction and operating permits; 10 CSR 20-6.010; 4/15/09
state revolving fund general assistance regulation; 10 CSR 20-
4.040; 6/15/09, 7/1/09

storm water grant and loan program; 10 CSR 20-4.061; 4/15/09

storm water regulations; 10 CSR 20-6.200; 3/2/09, 9/15/09

water quality standards; 10 CSR 20-7.031; 12/15/08, 3/2/09,
9/15/09

underground storage tanks

aboveground storage tanks—release response

applicability and definitions; 10 CSR 20-15.010; 5/1/09

release reporting and initial release response measures; 10
CSR 20-15.020; 5/1/09

site characterization and corrective action; 10 CSR 20-
15.030; 5/1/09

administrative penalties

administrative penalty assessment; 10 CSR 20-13.080;
5/1/09

financial responsibility

allowable mechanisms and combinations of mechanisms;
10 CSR 20-11.094; 5/1/09

amount and scope of required financial responsibility; 10
CSR 20-11.093; 5/1/09

applicability; 10 CSR 20-11.090; 5/1/09
bankruptcy or other incapacity of owner or operator, or provider of financial assurance; 10 CSR 20-11.110; 5/1/09
cancellation or nonrenewal by a provider of financial assurance; 10 CSR 20-11.105; 5/1/09
compliance dates; 10 CSR 20-11.091; 5/1/09
definitions of financial responsibility terms; 10 CSR 20-11.092; 5/1/09
drawing on financial assurance mechanisms; 10 CSR 20-11.108; 5/1/09
financial test of self-insurance; 10 CSR 20-11.095; 5/1/09
guarantee; 10 CSR 20-11.096; 5/1/09
insurance and risk retention group coverage; 10 CSR 20-11.097; 5/1/09
letter of credit; 10 CSR 20-11.099; 5/1/09
local government bond rating test; 10 CSR 20-11.112; 5/1/09
local government financial test; 10 CSR 20-11.113; 5/1/09
local government fund; 10 CSR 20-11.113; 5/1/09
local government guarantee; 10 CSR 20-11.114; 5/1/09
petroleum storage tank insurance fund; 10 CSR 20-11.101; 5/1/09
record keeping; 10 CSR 20-11.107; 5/1/09
release from the requirements; 10 CSR 20-11.109; 5/1/09
replenishment of guarantees, letters of credit or surety bonds; 10 CSR 20-11.111; 5/1/09
reporting by owner or operator; 10 CSR 20-11.106; 5/1/09
standby trust fund; 10 CSR 20-11.103; 5/1/09
substitution of financial assurance mechanisms by owner or operator; 20 CSR 11.104; 5/1/09
surety bond; 10 CSR 20-11.098; 5/1/09
trust fund; 10 CSR 20-11.102; 5/1/09
technical regulations
assessing the property at closure or change in service; 10 CSR 20-10.072; 5/1/09
applicability; 10 CSR 20-10.010; 5/1/09
applicability to previously closed underground storage tank systems; 10 CSR 20-10.073; 5/1/09
closure records; 10 CSR 20-10.074; 5/1/09
compatibility; 10 CSR 20-10.032; 5/1/09
corrective action plan; 10 CSR 20-10.066; 5/1/09
definitions; 10 CSR 20-10.012; 5/1/09
general requirements for release detection for all underground storage tank systems; 10 CSR 20-10.040; 5/1/09
initial abatement measures, site check and comparison with default target levels; 10 CSR 20-10.062; 5/1/09
initial release response; 10 CSR 20-10.061; 5/1/09
initial site characterization; 10 CSR 20-10.063; 5/1/09
interim prohibition for deferred underground storage tank systems; 10 CSR 20-10.011; 5/1/09
investigation due to impacts on adjacent or nearby properties; 10 CSR 20-10.051; 5/1/09
investigations for soil and groundwater cleanup; 10 CSR 20-10.65; 5/1/09
light non-aqueous phase liquid (LNAPL) removal; 10 CSR 20-10.064; 5/1/09
methods of release detection for piping; 10 CSR 20-10.044; 5/1/09
methods of release detection for tanks; 10 CSR 20-10.043; 5/1/09
notification requirements; 10 CSR 20-10.022; 5/1/09
operation and maintenance of corrosion protection; 10 CSR 20-10.031; 5/1/09
performance standards for new underground storage tank systems; 10 CSR 20-10.020; 5/1/09

permanent closure and changes in service; 10 CSR 20-10.071; 5/1/09
public participation and notice; 10 CSR 20-10.067; 5/1/09
release detection record keeping; 10 CSR 20-10.045; 5/1/09
release investigation and confirmation steps; 10 CSR 20-10.052; 5/1/09
release reporting; 10 CSR 20-10.050; 5/1/09
release response and corrective action; 10 CSR 20-10.060; 5/1/09
repairs allowed; 10 CSR 20-10.033; 5/1/09
reporting and cleanup of spills and overfills; 10 CSR 20-10.053; 5/1/09
reporting and record keeping; 10 CSR 20-10.034; 5/1/09
requirements for hazardous substance underground storage tank systems; 10 CSR 20-10.042; 5/1/09
requirements for petroleum underground storage tank systems; 10 CSR 20-10.041; 5/1/09
risk-based clean-up levels; 10 CSR 20-10.068; 5/1/09
spill and overfill control; 10 CSR 20-10.030; 5/1/09
temporary closure; 10 CSR 20-10.070; 5/1/09
upgrading of existing underground storage tank systems; 10 CSR 20-10.021; 5/1/09

CONSERVATION COMMISSION

bullfrogs and green frogs; 3 CSR 10-12.115; 5/1/09, 7/1/09
decoys and blinds; 3 CSR 10-11.155; 5/1/09, 7/1/09
definitions; 3 CSR 10-20.805; 6/1/09, 8/17/09
falconry; 3 CSR 10-9.442; 5/1/09, 7/1/09, 9/15/09
fishing, daily and possession limits; 3 CSR 10-12.140; 5/1/09, 7/1/09
fishing, length limits; 3 CSR 10-12.145; 5/1/09, 7/1/09
fishing methods; 3 CSR 10-12.135; 5/1/09, 7/1/09
furbearers: trapping seasons; 3 CSR 10-8.515; 5/1/09, 7/1/09
general prohibition; applications; 3 CSR 10-9.110; 5/1/09, 7/1/09
general provisions; 3 CSR 10-11.110; 5/1/09, 7/1/09
hunting and trapping; 3 CSR 10-12.125; 5/1/09, 7/1/09
hunting, general provisions, and seasons; 3 CSR 10-11.180; 5/1/09, 7/1/09
hunting methods; 3 CSR 10-7.410; 5/1/09, 7/1/09
licensed hunting preserves: privileges; 3 CSR 10-9.565; 5/1/09, 7/1/09
migratory bird hunting permit; 3 CSR 10-5.435; 9/15/09
migratory game birds and waterfowl: seasons, limits; 3 CSR 10-7.440; 8/17/09, 9/15/09
other fish; 3 CSR 10-6.550; 5/1/09, 7/1/09
permits and privileges: how obtained; not transferable; 3 CSR 10-5.215; 6/1/09, 8/17/09
permits required; exceptions; 3 CSR 10-5.205; 6/1/09, 8/17/09
privileges of class I and class II wildlife breeders; 3 CSR 10-9.353; 5/1/09, 7/1/09
resident cable restraint permit; 3 CSR 10-5.375; 5/1/09, 7/1/09
squirrels: seasons, limits; 3 CSR 10-7.425; 5/1/09, 7/1/09
use of boats and motors
3 CSR 10-11.160; 5/1/09, 7/1/09
3 CSR 10-12.110; 5/1/09, 7/1/09
use of traps; 3 CSR 10-8.510; 5/1/09, 7/1/09
waterfowl hunting; 3 CSR 10-11.186; 5/1/09, 7/1/09

COSMETOLOGY AND BARBER EXAMINERS, BOARD OF

apprentice supervisors; 20 CSR 2085-9.020; 9/1/09
apprentices; 20 CSR 2085-9.010; 5/15/09, 8/17/09
barber and cosmetology establishment license changes; 20 CSR 2085-10.020; 5/15/09, 8/17/09
cosmetology sanitation rules; 20 CSR 2085-11.020; 5/15/09, 8/17/09
esthetic schools; 20 CSR 2085-12.080; 9/1/09
failure of state examination; 20 CSR 2085-8.040; 5/15/09, 8/17/09
fees; 20 CSR 2085-3.010; 5/1/09, 7/15/09, 8/17/09, 9/1/09
general rules and application requirements for all schools; 20 CSR 2085-12.010; 5/15/09, 9/1/09

licensing—barber establishments and cosmetology establishments; 20 CSR 2085-10.010; 5/15/09, 8/17/09
 licensure by examination for a barber; 20 CSR 2085-5.010; 5/15/09, 8/17/09
 licensure of barber instructors; 20 CSR 2085-6.010; 5/15/09, 8/17/09
 manicuring schools; 20 CSR 2085-12.070; 9/1/09
 qualifications for instructor examination; 20 CSR 2085-8.030; 5/15/09, 8/17/09
 qualifications for state cosmetology examinations; 20 CSR 2085-7.010; 5/15/09, 8/17/09
 reinstatement of expired instructor license; 20 CSR 2085-8.060; 5/15/09, 8/17/09
 reinstatement of expired license; 20 CSR 2085-7.050; 5/15/09, 8/17/09
 requirements for cosmetology students; 20 CSR 2085-12.060; 5/15/09, 8/17/09
 specific requirements for cosmetology schools; 20 CSR 2085-12.040; 9/1/09
 unlicensed activity; 20 CSR 2085-10.060; 5/15/09, 8/17/09

DENTAL BOARD, MISSOURI

dental assistants; 20 CSR 2110-2.120; 8/3/09

ELEMENTARY AND SECONDARY EDUCATION, DEPARTMENT OF

audit policy and requirements; 5 CSR 30-4.030; 5/15/09, 9/15/09
 application for a career education certificate of license to teach; 5 CSR 80-800.270; 3/2/09, 7/15/09
 application for a student services certificate of license to teach; 5 CSR 80-800.230; 3/2/09, 7/15/09
 application for an adult education and literacy certificate of license to teach; 5 CSR 80-800.280; 3/2/09, 7/15/09
 application for certificate of license to teach; 5 CSR 80-800.200; 3/2/09, 7/15/09
 application for certificate of license to teach for administrators; 5 CSR 80-800.220; 3/2/09, 7/15/09
 certificate of license to teach classifications; 5 CSR 80-800.360; 3/2/09, 7/15/09
 certificate of license to teach content areas; 5 CSR 80-800.350; 3/2/09, 7/15/09
 required assessments for professional education certification in Missouri; 5 CSR 80-800.380; 3/2/09, 7/15/09
 temporary authorization certificate of license to teach; 5 CSR 80-800.260; 3/2/09, 7/15/09

EMBALMERS AND FUNERAL DIRECTORS, STATE BOARD OF

definitions; 20 CSR 2120-1.040; 9/1/09
 embalmer's registration and apprenticeship; 20 CSR 2120-2.010; 9/1/09
 funeral directing; 20 CSR 2120-2.060; 9/1/09
 funeral establishments; 20 CSR 2120-2.070; 5/15/09, 9/1/09
 funeral establishments containing a crematory area; 20 CSR 2120-2.071; 5/15/09, 9/1/09
 licensure by reciprocity; 20 CSR 2120-2.040; 9/1/09

FUEL STANDARD, MISSOURI RENEWABLE

organization, definitions; 2 CSR 110-3.010; 2/1/08
 quality standards; 2 CSR 90-30.040; 2/15/08

GAMING COMMISSION, MISSOURI

chip specifications; 11 CSR 45-5.100; 8/3/09
 junket, junket enterprises, junket representatives
 agreements, schedules, and reports; 11 CSR 45-4.540; 9/1/09
 definitions; 11 CSR 45-4.500; 9/1/09
 licensing requirements; 11 CSR 45-4.510; 9/1/09
 patron selection; 11 CSR 45-4.520; 9/1/09
 policies and prohibited activities; 11 CSR 45-4.530; 9/1/09
 license renewal; 11 CSR 45-4.190; 9/1/09
 licenses, restrictions on licenses, licensing authority of the executive director and other definitions; 11 CSR 45-4.020; 9/1/09

supplier's license; 11 CSR 45-4.200; 9/1/09

GEOLOGIST REGISTRATION, MISSOURI BOARD OF

fees; 20 CSR 2145-1.040; 5/1/09, 8/17/09

HAZARDOUS WASTE MANAGEMENT COMMISSION

electronics scrap management; 10 CSR 25-19.010; 8/3/09
 risk-based corrective action process; 10 CSR 25-18.010; 3/2/09, 9/1/09

HEALING ARTS, STATE BOARD OF

applicants for licensure as professional physical therapists; 20 CSR 2150-3.010; 5/1/09
 application forms—physical therapists; 20 CSR 2150-3.020; 5/1/09
 applications for licensure as physical therapist assistant; 20 CSR 2150-3.100; 5/1/09
 biennial registration; 20 CSR 2150-3060; 5/1/09
 continuing education requirements; 20 CSR 2150-3.201; 5/1/09
 determination of competency; 20 CSR 2150-3.085; 5/1/09
 examination—physical therapists; 20 CSR 2150-3.030; 5/1/09
 fees; 20 CSR 2150-3.080; 5/1/09
 inactive license—physical therapists; 20 CSR 2150-3.055; 5/1/09
 licensing by reciprocity; 20 CSR 2150-3.040; 5/1/09
 nonpharmacy dispensing; 20 CSR 2150-5.020; 9/15/09
 physical therapist assistant biennial renewal—retirement, name, and address changes; 20 CSR 2150-3.180; 5/1/09
 physical therapist assistant reciprocity applicants; 20 CSR 2150-3.120; 5/1/09
 physical therapist assistant inactive license; 20 CSR 2150-3.163; 5/1/09
 physical therapist assistant late registration; 20 CSR 2150-3.160; 5/1/09
 physical therapist assistant licensure fees; 20 CSR 2150-3.170; 5/1/09
 physical therapist assistant—reinstatement of an inactive license; 20 CSR 2150-3.165; 5/1/09
 physical therapist assistant requirements for licensing by examination; 20 CSR 2150-3.110; 5/1/09
 physical therapist assistant temporary licenses for reinstatement; 20 CSR 2150-3.153; 5/1/09
 physical therapist assistant temporary licensure; 20 CSR 2150-3.150; 5/1/09
 physical therapist assistants—direction, delegation, and supervision; 20 CSR 2150-3.090; 5/1/09
 physical therapist late registration; 20 CSR 2150-3.063; 5/1/09
 physical therapist—retirement, name, and address changes; 20 CSR 2150-3.066; 5/1/09
 physician assistant supervision agreements; 20 CSR 2150-7.135; 5/15/09, 8/17/09
 reinstatement of an inactive license—physical therapists; 20 CSR 2150-3.057; 5/1/09
 request for waiver; 20 CSR 2150-7.136; 5/15/09, 8/17/09
 temporary licenses; 20 CSR 2150-3.050; 5/1/09
 temporary licenses for reinstatement of an inactive license—physical therapists; 20 CSR 2150-3.053; 5/1/09
 temporary licenses—physical therapists; 20 CSR 2150-3.050; 5/1/09

HEALTH AND SENIOR SERVICES, DEPARTMENT OF

community and public health
 minimum construction standards for on-site sewage disposal systems; 19 CSR 20-3.060; 8/15/08
 volunteer dispensing of strategic national stockpile medications during governor-declared disasters; 19 CSR 20-44.010; 2/17/09, 7/15/09
 fees charged by Department of Health for inspection of existing on-site sewage disposal system required by a lending institution; 19 CSR 20-3.070; 12/1/08, 4/1/09
 maternal, child, and family health
 payments for vision examinations; 19 CSR 40-11.010; 2/17/09, 7/15/09
 regulation and licensure

administrative penalties; 19 CSR 30-70.650; 8/17/09
application and licensure requirements for the initial licensure and relicensure of emergency medical technician-basic, emergency medical technician-intermediate, and emergency medical technician-paramedics; 19 CSR 30-40.342; 2/17/09
outside the hospital do-not-resuscitate (OHDNR); 19 CSR 30-40.600; 2/17/09, 7/15/09

HIGHER EDUCATION, DEPARTMENT OF

determination of student residency; 6 CSR 10-3.010; 7/15/09
student financial assistance program
competitive scholarship program; 6 CSR 10-2.120; 4/1/09, 7/15/09
public safety officer or employee's child survivor grant program; 6 CSR 10-2.100; 4/1/09, 7/15/09
Vietnam veteran's survivors grant program; 6 CSR 10-2.130; 4/1/09, 7/15/09

HIGHWAYS AND TRANSPORTATION COMMISSION

breath alcohol ignition interlock device certification and operational requirements
approval procedure; 7 CSR 60-2.020; 6/15/09
breath alcohol ignition interlock device security; 7 CSR 60-2.050; 6/15/09
definitions; 7 CSR 60-2.010; 6/15/09
responsibilities of authorized service providers; 7 CSR 60-2.040; 6/15/09
standards and specifications; 7 CSR 60-2.030; 6/15/09
suspension, or revocation of approval of a device; 7 CSR 60-2.060; 6/15/09
procurement of supplies
bidder registration, official mailing lists, suspension from list; 7 CSR 10-11.030; 7/15/09
definition of terms; 7 CSR 10-11.010; 7/15/09
procedures for solicitation, receipt of bids, and awards of contract; 7 CSR 10-11.020; 7/15/09
procedures for solicitation, receipt of bids, and award and administration of contracts; 7 CSR 10-11.020; 7/15/09
vendor registration, notification of competitive bidding opportunities, suspension, and debarment; 7 CSR 10-11.030; 7/15/09
skill performance evaluation certificates for commercial drivers; 7 CSR 10-25.010; 7/1/09, 8/3/09, 9/1/09

INSURANCE

insurance solvency and company regulation
financial statement and electronic filing; 20 CSR 200-1.030; 8/17/09
materials incorporated by reference; 20 CSR 200-1.005; 8/17/09
life, annuities, and health
dependent coverage; 20 CSR 400-2.200; 3/2/09
medicare supplement insurance minimum standards act; 20 CSR 400-3.650; 8/3/09, 9/1/09
medical malpractice
statistical data reporting; 20 CSR 600-1.030; 7/2/07
statistical reporting
medical malpractice statistical data reporting; 20 CSR 600-1.030; 10/15/08

LABOR AND INDUSTRIAL RELATIONS

employment security, division of
maintenance and disposal of records; 8 CSR 10-2.010; 9/15/09
human rights, Missouri commission on
continuances; 8 CSR 60-2.130; 4/15/09, 8/3/09
evidence; 8 CSR 60-2.150; 4/15/09, 8/3/09
general organization; 8 CSR 60-1.010; 4/15/09, 8/3/09
inquiries regarding persons with disabilities; 8 CSR 60-4.015; 4/15/09, 8/3/09
orders; 8 CSR 60-2.210; 4/15/09, 8/3/09

pleadings; 8 CSR 60-2.065; 4/15/09, 8/3/09
post-hearing procedure; 8 CSR 60-2.200; 4/15/09, 8/3/09
prohibited coercion and retaliation; 8 CSR 60-4.030; 4/15/09, 8/3/09
reasonable modifications of existing premises; 8 CSR 60-4.020; 4/15/09, 8/3/09

labor standards
reduction in minimum wage based on physical or mental disabilities; 8 CSR 30-6.010; 7/1/09

MEDICAL SERVICES, DIVISION OF

grant to trauma hospital; 13 CSR 70-15.180; 7/16/07
reimbursement
HIV services; 13 CSR 70-10.080; 10/15/07
nursing services; 13 CSR 70-10.015; 10/15/07
Title XIX
claims, false or fraudulent; 13 CSR 70-3.030; 5/1/07

MENTAL HEALTH, DEPARTMENT OF

assertive community treatment programs; 9 CSR 30-4.0432; 9/15/09

MO HEALTHNET

dental benefits and limitations, MO HealthNet program; 13 CSR 70-35.010; 9/15/09
federal reimbursement allowance (FRA); 13 CSR 70-15.110; 7/15/09, 8/3/09
filing of claims, MO HealthNet program; 13 CSR 70-3.100; 9/15/09
global per diem adjustments to nursing facility and HIV nursing facility reimbursement rates; 13 CSR 70-10.016; 11/17/08, 8/3/09
home health-care services; 13 CSR 70-90.010; 9/15/09
home health-care services reimbursement; 13 CSR 70-90.020; 9/15/09
inpatient hospital services reimbursement plan; outpatient hospital services reimbursement methodology; 13 CSR 70-15.010; 9/1/09
insure Missouri; 13 CSR 70-4.120; 2/15/08
limitations on payment of out-of-state nonemergency medical services; 13 CSR 70-3.120; 6/15/09
list of non-excludable drugs for which prior authorization is required; 13 CSR 70-20.034; 9/15/09
medicaid managed care organization reimbursement allowance; 13 CSR 70-3.170; 8/3/09
medical pre-certification process; 13 CSR 70-3.180; 4/1/09, 7/15/09
MO HealthNet program benefits for nurse-midwife services; 13 CSR 70-55.010; 6/15/09
nursing facility reimbursement allowance; 13 CSR 70-10.110; 8/3/09
optical benefits and limitations—MO HealthNet program; 13 CSR 70-40.010; 9/15/09
pharmacy reimbursement allowance; 13 CSR 70-20.320; 8/3/09
private duty nursing; 13 CSR 70-95.010; 9/15/09
sanctions for false or fraudulent claims for MO HealthNet services; 13 CSR 70-3.030; 9/15/09
telehealth services; 13 CSR 70-3.190; 3/16/09, 7/15/09
uninsured women's health program; 13 CSR 70-4.090; 6/15/09

NURSING, STATE BOARD OF

fees; 20 CSR 2200-4.010; 5/1/09, 8/17/09

OCCUPATIONAL THERAPY, MISSOURI BOARD OF

fees; 20 CSR 2205-1.050; 5/15/09

PETROLEUM AND HAZARDOUS SUBSTANCE STORAGE TANKS

underground storage tanks
aboveground storage tanks—release response
applicability and definitions; 10 CSR 20-15.010; 5/1/09
release reporting and initial release response measures; 10 CSR 20-15.020; 5/1/09
site characterization and corrective action; 10 CSR 20-15.030; 5/1/09
administrative penalties

administrative penalty assessment; 10 CSR 26-4.080; 5/1/09

financial responsibility

- allowable mechanisms and combinations of mechanisms; 10 CSR 26-3.094; 5/1/09
- amount and scope of required financial responsibility; 10 CSR 26-3.093; 5/1/09
- applicability; 10 CSR 26-3.090; 5/1/09
- bankruptcy or other incapacity of owner or operator, or provider of financial assurance; 10 CSR 26-3.110; 5/1/09
- cancellation or nonrenewal by a provider of financial assurance; 10 CSR 26-3.105; 5/1/09
- compliance dates; 10 CSR 26-3.091; 5/1/09
- definitions of financial responsibility terms; 10 CSR 26-3.092; 5/1/09
- drawing on financial assurance mechanisms; 10 CSR 26-3.108; 5/1/09
- financial test of self-insurance; 10 CSR 26-3.095; 5/1/09
- guarantee; 10 CSR 26-3.096; 5/1/09
- insurance and risk retention group coverage; 10 CSR 26-3.097; 5/1/09
- letter of credit; 10 CSR 26-3.099; 5/1/09
- local government bond rating test; 10 CSR 26-3.112; 5/1/09
- local government financial test; 10 CSR 26-3.113; 5/1/09
- local government fund; 10 CSR 26-3.113; 5/1/09
- local government guarantee; 10 CSR 26-3.114; 5/1/09
- petroleum storage tank insurance fund; 10 CSR 26-3.101; 5/1/09
- record keeping; 10 CSR 26-3.107; 5/1/09
- release from the requirements; 10 CSR 26-3.109; 5/1/09
- replenishment of guarantees, letters of credit or surety bonds; 10 CSR 26-3.111; 5/1/09
- reporting by owner or operator; 10 CSR 26-3.106; 5/1/09
- standby trust fund; 10 CSR 26-3.103; 5/1/09
- substitution of financial assurance mechanisms by owner or operator; 26 CSR 3.104; 5/1/09
- surety bond; 10 CSR 26-3.098; 5/1/09
- trust fund; 10 CSR 26-3.102; 5/1/09

organization; 10 CSR 26-1.010; 5/1/09

technical regulations

- assessing the property at closure or change in service; 10 CSR 26-2.062; 5/1/09
- applicability; 10 CSR 26-2.010; 5/1/09
- applicability to previously closed underground storage tank systems; 10 CSR 26-2.063; 5/1/09
- closure records; 10 CSR 26-2.064; 5/1/09
- compatibility; 10 CSR 26-2.032; 5/1/09
- corrective action plan; 10 CSR 26-2.079; 5/1/09
- definitions; 10 CSR 26-2.012; 5/1/09
- general requirements for release detection for all underground storage tank systems; 10 CSR 26-2.040; 5/1/09
- initial abatement measures, site check and comparison with default target levels; 20 CSR 26-2.072; 5/1/09
- initial release response; 10 CSR 26-2.071; 5/1/09
- initial site characterization; 10 CSR 26-2.073; 5/1/09
- interim prohibition for deferred underground storage tank systems; 10 CSR 26-2.011; 5/1/09
- investigation due to impacts on adjacent or nearby properties; 10 CSR 26-2.051; 5/1/09
- light non-aqueous phase liquid (LNAPL) removal; 10 CSR 26-2.074; 5/1/09
- long-term stewardship; 10 CSR 26-2.081; 5/1/09

- methods of release detection for piping; 10 CSR 26-2.044; 5/1/09
- methods of release detection for tanks; 10 CSR 26-2.043; 5/1/09
- no further remedial action determinations; 10 CSR 26-2.082; 5/1/09
- notification requirements; 10 CSR 26-2.022; 5/1/09
- operation and maintenance of corrosion protection; 10 CSR 26-2.031; 5/1/09
- performance standards for new underground storage tank systems; 10 CSR 26-2.020; 5/1/09
- permanent closure and changes in service; 10 CSR 26-2.061; 5/1/09
- public participation and notice; 10 CSR 26-2.080; 5/1/09
- release detection record keeping; 10 CSR 26-2.045; 5/1/09
- release investigation and confirmation steps; 10 CSR 26-2.052; 5/1/09
- release reporting; 10 CSR 26-2.050; 5/1/09
- release response and corrective action; 10 CSR 26-2.070; 5/1/09
- repairs allowed; 10 CSR 26-2.033; 5/1/09
- reporting and cleanup of spills and overfills; 10 CSR 26-2.053; 5/1/09
- reporting and record keeping; 10 CSR 26-2.034; 5/1/09
- requirements for hazardous substance underground storage tank systems; 10 CSR 26-2.042; 5/1/09
- requirements for petroleum underground storage tank systems; 10 CSR 26-2.041; 5/1/09
- risk-based corrective action process; 10 CSR 26-2.075; 5/1/09
- risk-based target levels; 10 CSR 26-2.077; 5/1/09
- site characterization and data requirements; 10 CSR 26-2.076; 5/1/09
- spill and overfill control; 10 CSR 26-2.030; 5/1/09
- tiered risk assessment process; 10 CSR 26-2.078; 5/1/09
- temporary closure; 10 CSR 26-2.070; 5/1/09
- upgrading of existing underground storage tank systems; 10 CSR 26-2.021; 5/1/09

PETROLEUM STORAGE TANK INSURANCE FUND BOARD OF TRUSTEES

participation requirements for aboveground storage tanks; 10 CSR 100-4.020; 5/15/09, 9/15/09

PRIVATE INVESTIGATOR EXAMINERS, BOARD OF

application for licensure

- licensed agency investigator employee; 20 CSR 2234-3.040; 8/3/09
- private investigator; 20 CSR 2234-2.010; 8/3/09
- private investigator agency; 20 CSR 2234-3.010; 8/3/09
- private investigator trainer; 20 CSR 2234-4.010; 8/3/09

change of name, ownership, location, or private investigator-in-charge-private investigator agency; 20 CSR 2234-3.020; 8/3/09

code of conduct; 20 CSR 2234-7.010; 8/3/09

complaint handling and disposition; 20 CSR 2234-1.040; 8/3/09

continuing education; 20 CSR 2234-6.010; 8/3/09

definitions; 20 CSR 2234-1.010; 8/3/09

examination; 20 CSR 2234-5.010; 8/3/09

fees; 20 CSR 2234-1.050; 8/3/09

general organization; 20 CSR 2234-1.020; 8/3/09

licensure renewal

- licensed agency investigator employee; 20 CSR 2234-3.070; 8/3/09
- private investigator; 20 CSR 2234-2.040; 8/3/09
- private investigator agency; 20 CSR 2234-3.030; 8/3/09

private investigator trainer; 20 CSR 2234-4.050; 8/3/09
name and address changes
licensed agency investigator employee; 20 CSR 2234-3.050;
8/3/09
private investigator; 20 CSR 2234-2.020; 8/3/09
private investigator trainer; 20 CSR 2234-4.030; 8/3/09
policy for release of public records; 20 CSR 2234-1.030; 8/3/09
replacement of renewal license
licensed agency investigator employee; 20 CSR 2234-3.060;
8/3/09
private investigator; 20 CSR 2234-2.030; 8/3/09
private investigator trainer; 20 CSR 2234-4.040; 8/3/09
trainer responsibilities-private investigator trainer; 20 CSR 2234-
4.020; 8/3/09

PSYCHOLOGISTS, STATE COMMITTEE OF

definitions; 20 CSR 2235-1.015; 5/15/09, 8/17/09
licensure by reciprocity; 20 CSR 2235-2.070; 5/15/09, 8/17/09
non-licensed persons engaging in activities defined as the practice
of psychology; 20 CSR 2235-2.080; 5/15/09, 8/17/09

PUBLIC DRINKING WATER PROGRAM

drinking water revolving fund loan program; 10 CSR 60-13.020;
7/1/09, 8/3/09

PUBLIC SAFETY, DEPARTMENT OF

Fire Safety, Division of
certificates, inspections, and fees; 11 CSR 40-2.022; 8/3/09
code/standards adopted by board; 11 CSR 40-2.015; 8/3/09
definitions; 11 CSR 40-2.010; 8/3/09
heating boilers; 11 CSR 40-2.040; 8/3/09
new installations; 11 CSR 40-2.061; 8/3/09
power boilers; 11 CSR 40-2.030; 8/3/09
Missouri State Highway Patrol
school bus inspection; 11 CSR 50-2.320; 9/15/09
Missouri State Water Patrol
filing requirements; 11 CSR 80-5.010; 2/17/09

PUBLIC SERVICE COMMISSION

electric utilities
environmental cost recovery mechanisms; 4 CSR 240-20.091;
2/3/09, 3/16/09, 7/1/09
environmental cost recovery mechanisms filing and submis-
sion requirements; 4 CSR 240-3.162; 2/3/09,
3/16/09, 7/1/09
net metering; 4 CSR 240-20.065; 4/1/09, 9/1/09
filing and reporting requirements
gas utility small company rate increase procedure; 4 CSR
240-3.240; 5/1/09, 8/17/09
sewer utility small company rate increase procedure; 4 CSR
240-3.330; 5/1/09, 8/17/09
steam utility small company rate increase procedure; 4 CSR
240-3.440; 5/1/09, 8/17/09
water utility small company rate increase procedure; 4 CSR
240-3.635; 5/1/09, 8/17/09
manufactured housing consumer recovery fund
consumer recovery fund; 4 CSR 240-126.020; 5/15/09,
9/1/09
definitions; 4 CSR 240-126.010; 5/15/09, 9/1/09
meetings and hearings; 4 CSR 240-2.020; 5/15/09, 9/1/09

REAL ESTATE APPRAISERS

application, certificate, and license fees; 20 CSR 2245-5.020;
5/1/09
trainee real estate appraiser registration; 20 CSR 2245-3.005;
6/1/09, 9/15/09

REAL ESTATE COMMISSION, MISSOURI

branch offices; 20 CSR 2250-8.030; 5/15/09, 8/17/09
broker disclosure form; 20 CSR 2250-8.097; 5/15/09, 8/17/09
brokerage relationship confirmation; 20 CSR 2250-8.096; 5/15/09,
8/17/09
brokerage relationship disclosure; 20 CSR 2250-8.095; 5/15/09,
8/17/09
brokerage service agreements; 20 CSR 2250-8.090; 5/15/09,
8/17/09
broker-salesperson and salesperson licenses; transfers; inactive
salespersons; 20 CSR 2250-4.050; 5/15/09, 8/17/09
closing a real estate brokerage firm; 20 CSR 2250-8.155; 5/15/09
closing a real estate firm; 20 CSR 2250-8.155; 5/15/09, 8/17/09
continuing education requirements for licensees; 20 CSR 2250-
10.100; 5/15/09, 8/17/09
escrow or trust account and a separate property management
escrow account required; 20 CSR 2250-8.220; 5/15/09,
8/17/09
individual license; business name; inactive brokers; 20 CSR 2250-
4.040; 5/15/09, 8/17/09
management agreement required; 20 CSR 2250-8.200; 5/15/09,
8/17/09
partnership, association, or corporation license; 20 CSR 2250-
4.070; 5/15/09, 8/17/09
professional corporations; 20 CSR 2250-4.075; 5/15/09, 8/17/09

RECORDS MANAGEMENT

Missouri historical records advisory board (MHRAB) regrant pro-
gram administration; 15 CSR 30-45.040; 7/15/09

RETIREMENT SYSTEMS

county employees' retirement fund, the
distribution of accounts; 16 CSR 10.050; 5/1/09, 8/17/09

SAFE DRINKING WATER COMMISSION

acceptable and alternate procedures for analyses; 10 CSR 60-5.010;
11/3/08, 4/1/09, 9/15/09
consumer confidence reports; 10 CSR 60-8.030; 11/3/08, 4/1/09,
9/15/09
definitions; 10 CSR 60-2.015; 11/3/08, 4/1/09, 9/15/09
initial distribution system evaluation; 10 CSR 60-4.092; 11/3/08,
4/1/09, 9/15/09
maximum contaminant levels and monitoring requirements for dis-
infection by-products; 10 CSR 60-4.090; 11/3/08, 4/1/09,
9/15/09
public notification of conditions affecting a public water supply; 10
CSR 60-8.010; 11/3/08, 4/1/09, 9/15/09
reporting requirements; 10 CSR 60-7.010; 11/3/08, 4/1/09, 9/15/09
requirements for maintaining public water system records; 10 CSR
60-9.010; 11/3/08, 4/1/09, 9/15/09
source water monitoring and enhanced treatment requirements; 10
CSR 60-4.052; 11/3/08, 4/1/09, 9/15/09
stage 2 disinfectants/disinfection by-products; 10 CSR 60-4.094;
11/3/08, 4/1/09, 9/15/09

SECURITIES

definitions
15 CSR 30-50.010; 7/1/09
15 CSR 30-59.010; 7/1/09
examination requirement; 15 CSR 30-51.030; 7/1/09
fees; 15 CSR 30-50.030; 7/1/09
promotional materials to be filed, permitted without filing and pro-
hibited; 15 CSR 30-53.010; 7/1/09
supervision guidelines for broker-dealers; 15 CSR 30-51.171;
7/1/09

SOIL AND WATER DISTRICTS COMMISSION

application and eligibility for funds; 10 CSR 70-5.020; 9/1/09
apportionment of funds; 10 CSR 70-5.010; 9/1/09
commission administration of the cost-share program; 10 CSR 70-
5.060; 9/1/09

conservation equipment incentive program; 10 CSR 70-9.010;
9/15/08
cost-share rates and reimbursement procedures; 10 CSR 70-5.040;
9/1/09
design, layout and construction of proposed practices; operation
and maintenance; 10 CSR 70-5.030; 9/1/09
district administration of the cost-share program; 10 CSR 70-5.050;
9/1/09

STATE TAX COMMISSION

appeals from the local board of equalization; 12 CSR 30-3.010;
6/1/09
method of administering the *ad valorem* taxation of the private
railcar industry and applying for the freight line com-
pany tax credit; 12 CSR 30-2.018; 6/1/09

TATTOOING, BODY PIERCING, AND BRANDING, OFFICE OF

fees; 20 CSR 2267-2.020; 5/15/09
initiation of disciplinary proceedings; 20 CSR 2267-6.030; 9/1/09
licenses; 20 CSR 2267-2.010; 9/1/09

TAX

sales or use
cigarette tax
adjustments to the distribution of St. Louis County ciga-
rette tax funds pursuant to the federal decennial
census; 12 CSR 10-16.170; 2/3/09, 7/15/09
no waiver of tax; 12 CSR 10-3.562; 8/17/09
special motor fuel
adjustments to the distribution of funds allocated pursuant
to Article IV, Section 30 (a) of the *Missouri*
Constitution as referenced in section 142.345,
RSMo; 12 CSR 10-7.320; 2/3/09, 7/15/09

VETERINARY MEDICAL BOARD, MISSOURI

examinations; 20 CSR 2270-3.020; 5/15/09, 8/17/09
fees; 20 CSR 2270-1.021; 5/1/09, 8/17/09
minimum standards for continuing education for veterinarians; 20
CSR 2270-4.042; 9/1/09
reexamination; 20 CSR 2095-2.041; 1/2/09, 4/15/09

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HB 191, effective August 28, 2009, has resulted in changes to the information required in the certification letter that accompanies proposed rulemakings. A new certification letter containing the required information is available for use on the Office of the Secretary of State's website at <http://www.sos.mo.gov/adrules/forms.asp>

This letter is required for any proposed rulemakings filed on or after August 28, 2009.